Editors

JOHN I. BREWER, Editor in Chief

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, Editors

ALBERT B. GERBIE, Associate Editor

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, Editors Emeritus

Advisory committee on policy

John L. M. Bean Melvin W. Breese Tommy N. Evans

Clifford P. Goplerud

T. Terry Hayashi

Robert B. Jaffe

John Van S. Maeck

A. Cullen Richardson

J. Donald Woodruff

Samuel S. C. Yen

Board of corresponding editors

Oscar Aguero, Caracas Fritz Beller, Muenster/Westf. Sir Norman Jeffcoate, Liverpool Takashi Kobayashi, Tokyo

Volume 124 January-April, 1976 The C. V. Mosby Company St. Louis 1976 in addition to those listed on the front cover the Journal is the official publication of the following societies

NEW YORK OBSTETRICAL SOCIETY OBSTETRICAL SOCIETY OF PHILADELPHIA BROOKLYN GYNECOLOGICAL SOCIETY ST. LOUIS GYNECOLOGICAL SOCIETY NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND CHICAGO GYNECOLOGICAL SOCIETY CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY WASHINGTON GYNECOLOGICAL SOCIETY PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY BOSTON OBSTETRICAL SOCIETY LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY SEATTLE GYNECOLOGICAL SOCIETY ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY KANSAS CITY GYNECOLOGICAL SOCIETY CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY

NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY
THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
NEW YORK GYNECOLOGICAL SOCIETY
PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION
BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SAN FRANCISCO GYNECOLOGICAL SOCIETY
JACKSON GYNECIC SOCIETY

Volume 124 Copyright © 1976 by The C. V. Mosby Company (All rights reserved)

Printed in the United States of America

Index to volume 124

Author index*

ABELL, DAVID A., BEISCHER, NORMAN A., PAPAS, ANITA J., AND WILLIS, MICHELE M. The association between abnormal glucose tolerance (hyperglycemia and hypoglycemia) and estriol

excretion in pregnancy, 388
Abitbol., M. Maurice, Gallo, Gloria R., Pirani, Conrad L., and OBER, WILLIAM B. Production of experimental toxemia in the pregnant rabbit, 460

AGARWAL, K. N. (see MURTHY, AGARWAL, AND KHANNA), 641

AKHTER, M. S. An unusual complication of intrapartum fetal monitoring, 657 (Comm. in brief)

ALTSHULER, GEOFFREY (see Ornoy and Altshuler), 196

AMAROSE, ANTHONY P., AND NORUSIS, MARIJA J. Cytogenetics of methadone-managed and heroin-addicted pregnant women and their newborn infants, 635

ANDERSEN, RICHARD N. (see GIVENS ET AL.), 333

ANDERSON, GARLAND D. (see QUEENAN ET AL.), 865 ANDERSON, STEPHEN G. (see GRIESS, STILL, AND ANDERSON), 889

ANNITTO, JOHN E. (see CHESLEY, ANNITTO, AND COSGROVE), 446

Arocha Piñango, Carmen L., Linares, J., Cova, A., Martínez, P., Montilla, G., and Rodríguez, S. Intravascular coagulation in obstetrics: Serial dilution protamine sulfate test throughout labor, 18

ATHINARAYANAN, PAKSHI, PIEROG, SOPHIE H., NIGAM, SARVESH K., AND GLASS, LEONARD. Chlordiazepoxide withdrawal in the neo-

nate, 212 (Comm. in brief)

AVERETTE, HERVY E., WEINSTEIN, GERALD D., FORD, JOHN H., JR., GIRTANNER, ROBERT E., HOSKINS, WILLIAM J., AND RAMOS, REINALDO. Cell kinetics and programmed chemotherapy for gynecologic cancer. I. Squamous-cell carcinoma, 912

BACHORIK, JOAN (see Weiss et al.), 692

BADANO, A. (see ROSNER ET AL.), 567

Bailey, Penrhyn, Blake, Mary, Younger, Benjamin, Hinkley, CLARK, AND CASSADY, GEORGE. Amniotic fluid osmolality in pregnancies complicated by diabetes, 257

BANOGAN, PETRA (see TOVELL, BANOGAN, AND NASH), 924

BARANCZUK, RICHARD J., AND FAINSTAT, THEODORE. In vitro ovulation from adult hamster ovary, 517

BARCLAY, DAVID L., HAWKS, BYRON L., FRUEH, DAVID M., POWER, JON DAVID, AND STRUBLE, R. HARLAN. Elective cesarean hysterectomy: A 5 year comparison with cesarean section, 900

Barnes, William (see Hall et al.), 630 Barron, Bruce A., Weinstein, Howard, and Richart, Ralph M. An investigation of the effects of the intrauterine contraceptive device based on a longitudinal study of a self-selected sample of Barbadian women, 723

BARTON, M. DENNIS (see ROSENFELD, BARTON, AND MESCHIA), 156

Bartsich, Ernst G., and Dillon, Thomas F. Carbon dioxide hysteroscopy, 746

BATTAGLIA, FREDERICK C. (see ROSENFELD ET AL.), 618

BATTS, JAMES A., JR. (see MATSEOANE, BATTS, AND MANDEVILLE), 766 BECK, PAUL, AND MALARKEY, WILLIAM B. Serum prolactin concentrations in women treated with chlormadinone acetate, 578

Beecham, Clayton T., and Beiler, David D. Treatment of cervical carcinoma, 281

BEILER, DAVID D. (see BEECHAM AND BEILER), 281 BEISCHER, NORMAN A. (see ABELL ET AL.), 388

BELL, LORRAINE (see MUNZ ET AL.), 499

BENADY, SAM (see ORNOY ET AL.), 474

BENIRSCHKE, KURT (see HARTER AND BENIRSCHKE), 705

BENOIT, HENRY L. BORTH, RUDI, ELLICOTT, ALLEN R., AND WOOLEVER. C. Allan. Periovulatory changes in ovarian temperature in ewes, 356

Bergan, John J., Dean, Richard H., and Yao, James S. T. Vascular injuries in pelvic cancer surgery, 562

BERGSTRÖM, STAFFAN (see HOLMES AND BERGSTRÖM), 301

BERKOWITZ, RICHARD L., BONTA, BEDFORD W., AND WARSHAW, JOSEPH E. The relationship between premature rupture of the membranes and the respiratory distress syndrome, 712

BERLIN, MELVIN (see FLEISHMAN, BERLIN, AND DANA), 208 BERLIOZ, RAÚL (see MÁRQUEZ-MONTER ET AL.), 406

BHAKTHAVATHSALAN, AMRUTHA (see MANN ET AL.), 699

(see Weiss et al.), 692

BHIRALEUS, PRAPAS (see KOETSAWANG ET AL.), 601

BIGGERSTAFF, E. D., MENUTTI, M. T., YETTER, J. F., AND ROGERS, R. E. Maternal midtrimester sepsis in association with the in-trauterine contraceptive device: Early histopathologic findings, 207 (Comm. in brief)

BLAKE, DAVID A., BURNETT, LONNIE S., MIYASAKI, BARBARA C., LIM, HENRY S., AND KING, THEODORE M. Comparative effects of hyperosmolar urea administered by intra-amniotic, intravenous, and intraperitoneal routes in rhesus monkeys, 239

-, -, LONGSTRETH, JAMES A., AND KING, THEODORE M. Pharmacokinetics of intra-amniotically administered hyperosmolar urea in rhesus monkeys, 245

- (see NIEBYL ET AL.), 607

BLAKE, MARY (see BAILEY ET AL.), 257

BLAND, RICHARD D., CLARKE, TERRELL L., AND HARDEN, LEWIS B. Rapid infusion of sodium bicarbonate and albumin into high-risk premature infants soon after birth: A controlled, prospective trial, 263

BOHN, HANS (see STEVENS, BOHN, AND POWELL), 51

Bonta, Bedford W. (see Berkowitz, Bonta, and Warshaw), 712 Borders, Juel P. (see Thompson et al.), 557

BORONOW, RICHARD C. (see WOOD AND BORONOW), 140

BORTH, RUDI (see BENOIT ET AL.), 356

BOWMAN, HERBERT S. Effectiveness of prophylactic Rh immunosup-

pression after transfusion with D-positive blood, 80 Brettes, J. P., Renaud, R., and Gandar, R. A double-blind investigation into the effects of ritodrine on uterine blood flow during the third trimester of pregnancy, 164

BROCK, BARRY (see MUNZ ET AL.), 499

BROOKS, G. GARY, AND BUTCALIS, MARY R. Psychometric testing as a basis for counseling patients choosing a method of contraception, 85

Brown, David R., Fishburne, John I., Roberson, V. O., and Hulka, JARASLAV F. Ventilatory and blood gas changes during laparoscopy with local anesthesia, 741

BROWN, MURRAY C. (see FIELDS, RESTIVO, AND BROWN), 730
BROWNE, HELEN E., AND ISAACS, GERTRUDE. The Frontier Nursing Service: The primary care nurse in the community hospital,

Browne-Mayers, Charlotte (see Thompson et al.), 557

BRUNETEAU, DANIEL W., SIPAHIOGLU, ISMET B., BYRD, I. ROGERS, AND GREENBLATT, ROBERT B. Pure gonadal dysgenesis with an XY chromosomal constitution (Swyer's syndrome): Report of two

BRYAN, S. (see WEINMANN ET AL.), 719

BURNETT, LONNIE S. (see Blake et al.), 239, 245

- (see NIEBYL ET AL.), 607

^{*}January 1, 1-112; January 15, 113-216; February 1, 217-326; February 15, 327-444; March 1, 445-556; March 15, 557-670; April 1, 671-804; April 15, 805-954.

BURROWS, STANLEY, AND PHILLIPS, NANCY. Strangulation of umbilical cord by amniotic band, 697

BUSTER, JOHN E. (see WHITT ET AL.), 479

BUTCALIS, MARY R. (see BROOKS AND BUTCALIS), 85

BUXTON, BERTRAM H., JR. (see EVRARD, BUXTON, AND ERICKSON), 88

BYER, WILLIAM B. (see KOSASA ET AL.), 116

BYGDEMAN, M., MARTIN, J. N., ENEROTH, P., LEADER, A., AND LUNDSTRÖM, V. Outpatient postconceptional fertility control with vaginally administered 15(S)15-methyl-PGF $_{2\alpha}$ -methyl ester, 495

Byrd, J. Rogers (see Bruneteau et al.), 55

CALANOG, ANTHONY, SALL, SANFORD, GORDON, GARY G., OLIVO, JAIME, AND SOUTHREN, A. LOUIS. Testosterone metabolism in endometrial cancer, 60

CAMPANA, ALDO (see STAMM ET AL.), 193

Capraro, Vincent J., and Gallego, Marcos B. Vaginal agenesis, 98 (Current developments)

CARRIL, L. M. (see DUJOVNE ET AL.), 229

- (see Rosner et al.), 567

CARSON, STEPHEN (see MUNZ ET AL.), 499

CASHORE, WILLIAM J. (see KAROTKIN ET Al.), 529

CASSADY, GEORGE (see BAILEY ET AL.), 257

CAVANAGH, DENIS (see MEHRA ET AL.), 361

CHARLES, DAVID (see CHATTORAJ ET AL.), 848 CHATTORAJ, SATI C., TURNER, ADRIAN K., PINKUS, JACK L., AND CHARLES, DAVID. The significance of urinary free cortisol and progesterone in normal and anencephalic pregnancy, 848

CHEATLE, ESTHER L. (see VANBERGEN, FLEURY, AND CHEATLE), 661 CHESLEY, LEON C., ANNITTO, JOHN E., AND COSGROVE, ROBERT A. The remote prognosis of eclamptic women, 446

CHEVIAKOFF, S. (see DUJOVNE ET AL.), 229

CHRISTENSEN, K. (see SLOME ET AL.), 177

CHRISTIANSON, ROBERTA (see WINGERD ET AL.), 671 CLARKE, TERRELL L. (see Bland, Clarke, and Harden), 263

CONGER, S. BEACH (see ORY ET AL.), 573

CONRAD, R. (see VAN NAGELL ET AL.), 134

COOK, LARRY N. (see QUEENAN ET AL.), 865

COOPER, DONNA L., MILLEN, ANITA K., AND MISHELL, DANIEL R., JR. The Copper T 220C: A new long-acting copper intrauterine contraceptive device, 121

CORSON, S. L. Two new laparoscopic instruments: Bipolar sterilizing forceps and uterine manipulator, 434 (Comm. in brief)

COSGROVE, ROBERT A. (see CHESLEY, ANNITTO, AND COSGROVE), 446

COVA, A. (see Arocha Piñango et al.), 18

COVE, J. KAREN J. (see SNYDER ET AL.), 751 COWAN, DALE (see SOKOL ET AL.), 431

CREASY, ROBERT K. (see Pickart, Creasy, and Thaler), 268 CSAPO, A. I. Effects of progesterone, prostaglandin $F_{2\alpha}$ and its an-

alogue ICI 81008 on the excitability and threshold of the uictus, 367 —, Herczeg, J., Pulkkinen, M., Kaihola, H. L., Zoltan, I., Csillag,

M., AND MOCSARY, P. Termination of pregnancy with double prostaglandin impact, 1

CSILLAG, M. (see CSAPO ET AL.), I CUNNINGHAM, F. GARY (see PRITCHARD, CUNNINGHAM, AND MASON), 855

DALY, M. (see SLOME ET AL.), 177

DAMBER, M.-G., VON SCHOULTZ, B., SOLHEIM, F., AND STIGBRAND, T. A quantitative study of the pregnancy zone protein in sera of women taking oral contraceptives, 289

DANA, MILTON M. (see Fleishman, Berlin, and Dana), 208

Daw, E. Management of the hyperextended fetal head, 113 (Clinical opinion)

DAWSON, E. B. (see WEINMANN ET AL.), 719

DEAN, RICHARD H. (see BERGAN, DEAN, AND YAO), 562

DECKER, DAVID G. (see NOLLER ET AL.), 285

DIAZ DE LEÓN, MANUEL (see LÓPEZ-LLERA ET AL.), 681

DICKEY, RICHARD P. (see THOMPSON ET AL.), 557

DILLON, THOMAS F. (see BARTSICH AND DILLON), 746 DISTLER, WOLFGANG (see KATAGIRI ET AL.), 272

DOCKERTY, MALCOLM B. (see NOLLER ET AL.), 285

DOUGLAS, WILLIAM (see KAROTKIN ET AL.), 529

DRISCOLL, JOHN M., JR. (see SITARZ, DRISCOLL, AND WOLFF), 39

DUJOVNE, A. R., DE LABORDE, N. P., CARRIL, L. M., CHEVIAKOFF, S., PEDROZA, E., AND ROSNER, J. M. Correlation between catecholamine content of the human Fallopian tube and the uterus and plasma levels of estradiol and progesterone, 229

EISINGER, STEVEN H. Second-trimester spontaneous abortion, the IUD, and infection, 393

ELLICOTT, ALLEN R. (see BENOIT ET Al.), 356

ELLIS, L. C. (see HARGROVE ET AL.), 25

ENEROTH, P. (see Bygdeman et al.), 495

(see Gennser, Ohrlander, and Eneroth), 43

ENGLAND, G. (see VAN NAGELL ET AL.), 134 ERICKSON, DONNA (see EVRARD, BUXTON, AND ERICKSON), 88

EVANS, MARK I. (see Weiss et al.), 692

EVRARD, JOHN R., BUXTON, BERTRAM H., JR., AND ERICKSON, DONNA. Amenorrhea following oral contraception, 88

FAINSTAT, THEODORE (see BARANCZUK AND FAINSTAT), 517

FANG, V. (see FRIEDMAN ET AL.), 75

FAYEZ, JAMIL (see HALL ET AL.), 630

FERENCZY, ALEX. Studies on the cytodynamics of human endometrial regeneration. I. Scanning electron microscopy, 64

 Studies on the cytodynamics of human endometrial regeneration. II. Transmission electron microscopy and histochemistry, 582 Ferguson, F. G., and Palm, J. Histologic characteristics of cells

cultured from rat placental tissue, 415 FICHERA, ANTHONY P., PETTY, WILLIAM M., PARK, ROBERT C., AND MUIR, ROBERT W. Primary adenocarcinoma of the vermiform

appendix in a gynecologic patient, 663 (Comm. in brief) FIGUEROA CASAS, P. R. (see ROSNER ET AL.), 567

FIELDS, CHARLES, RESTIVO, RAYMOND M., AND BROWN, MURRAY C. Experience in mass Papanicolaou screening and cytologic observations of teen-age girls, 730

FINKLE, WILLIAM D. (see ZIEL AND FINKLE), 735

FISER, R. H., JR., FISHER, D. A., WILLIAMS, P. R., SPERLING, M. A., AND OH, W. Effects of fasting and theophylline on alanine-stimulated glucagon secretion in neonatal and infant sheep,

FISH, STEWART A. (see GIVENS ET Al.), 333

FISHBURNE, JOHN I. (see BROWN ET AL.), 741 FISHER, C. C., GARRETT, WILLIAM, AND KOSSOFF, GEORGE. Placental aging monitored by gray scale echography, 483

FISHER, D. A. (see FISER ET AL.), 421

FLEISHMAN, PHILIP R., BERLIN, MELVIN, AND DANA, MILTON M. Gonadal dysgenesis in two siblings, 208 (Comm. in brief)

FLEURY, FREDERICK (see VANBERGEN, FLEURY, AND CHEATLE), 661 FORD, JOHN H., JR. (see AVERETTE ET Al..), 912

FREEMAN, ROGER K. (see KATAGIRI ET AL.), 272

FREILICH, THEODORE H. (see THOMPSON ET AL.), 557

FRIEDMAN, C., GAEKE, M. E., FANG, V., AND KIM, M. H. Pituitary responses to LRH in the postpartum periods, 75

FRIEDMAN, ÉMANUEL A. (see THOMPSON ET AL.), 557 FRUEH, DAVID M. (see BARCLAY ET AL.), 900

GAEKE, M. E. (see FRIEDMAN ET AL.), 75

GALL, STANLEY (see LIN ET AL.), 382

GALLAGHER, MOLLIE (see WEINSTEIN, GIBBS, AND GALLAGHER), 688

GALLEGO, MARCOS B. (see CAPRARO AND GALLEGO), 98

GALLO, GLORIA R. (see ABITBOL ET AL.), 460

GANDAR, R. (see BRETTES, RENAUD, AND GANDAR), 164 GANT, N. F., MADDEN, J. D., SHTERI, P. K., AND MACDONALD, P. C. The metabolic clearance rate of dehydroisoandrosterone sulfate. IV. Acute effects of induced hypertension, hypotension, and naturesis in normal and hypertensive pregnancies, 143

GARRETT, WILLIAM (see FISHER, GARRETT, AND KOSSOFF), 483

Gaspar, M. J. (see Hargrove et al.), 25 Geelhoed, Glenn W., Henson, Donald E., Taylor, Peyton T., and Ketcham, Alfred S. Carcinoma in situ of the vagina following treatment for carcinoma of the cervix: A distinctive clinical entity, 510

GENNSER, GERHARD, OHRLANDER, STEN, AND ENEROTH, PETER. COTTISOL in amniotic fluid and cord blood in relation to prenatal betamethasone load and delivery, 43

GIBBS, RONALD S., AND WEINSTEIN, ALLAN J. Puerperal infection in the antibiotic era, 769 (Current developments)

- (see Weinstein, Gibbs, and Gallagher), 688

GIRTANNER, ROBERT E. (See AVERETTE ET AL.), 912

GIVENS, JAMES R., ANDERSEN, RICHARD N., WISER, WINFRED L., UMSTOT, EDWARD S., AND FISH, STEWART A. The effectiveness of two oral contraceptives in suppressing plasma androstenedione, testosterone, LH, and FSH, and in stimulating plasma testosterone-binding capacity in hirsute women, 333 GLASS, LEONARD (see ATHINARAYANAN ET AL.), 212

GOEBELSMANN, UWE (see KATAGIRI ET AL.), 272

GOLBUS, MITCHELL S., KAN, YUET W., AND NAGLICH-CRAIG, MARVEEN. Fetal blood sampling in midtrimester pregnancies, 653 (Current investigation)

GOLDBERG, THEODORE (see SUDO, GOLDBERG, AND SALL), 310

GORDON, GARY G. (see CALANOG ET AL.), 60 GORMAN, ARNOLD E. (see THOMPSON ET AL.), 557

GORWILL, R. HUGH (see SARDA AND GORWILL), 234

Graeff, H., Wiedemann, A., von Hugo, R., and Hafter, R. Amount and distribution pattern of soluble fibrin monomer complexes during the early puerperium, 21

GREENBLATT, ROBERT B. (see BRUNETEAU ET AL.), 55

GREISS, FRANK C., JR., STILL, J. GORDON, AND ANDERSON, STEPHEN G. Effects of local anesthetic agents on the uterine vasculatures and myometrium, 889 Griffin, Larry P. (see Queenan et al.), 865

Gromisch, Donald S. (see Sall et al.), 217 Gusdon, John P., Jr. Isee Tannuzzi, Gusdon, and Herbst), 489

H

HAFTER, R. (see Graeff et al.), 21

HALBERT, SEYMOUR P. (see LIN ET AL.), 382

HALL, ROBERT T., BARNES, WILLIAM, KRISHNAN, L., HARRIS, DAVID J., RHODES, PHILIP G., FAYEZ, JAMIL, AND MILLER, GERALD I Antibiotic treatment of parturient women colonized with group B streptococci, 630

HARDEN, LEWIS B. (see Bland, Clarke, and HARDEN), 263

HARGROVE, J. L., NESBITT, D., GASPAR, M. J., AND ELLIS, L. C. Indomethacin induces rat uterine contractions in vitro and alters reactivity to alcium and acetylcholine, 25

HARRIS, DAVID J. (see HALL ET AL.), 630

HARRIS, JOHN W. S. (see RAMSEY, HOUSTON, AND HARRIS), 647

HARTER, CAROL A., AND BENIRSCHKE, KURT. Fetal syphilis in the first trimester, 705

HATCHER, ROBERT A. (see ORY ET AL.), 573

HAWKS, BYRON L. (see BARCLAY ET AL.), 900

HEINRICHS, W. LEROY (see TABEI AND HEINRICHS), 309

HENSON, DONALD E. (see GEELHOED ET AL.), 510 HERBST, ARTHUR L., TAFT, PRISCILLA D., AND ROBBOY, STANLEY J.

Nuclear chromatin determination in amniotic fluid cells for prenatal sex predictions in the macaque, 761 (Current investigation)

HERBST, GLENN A. (see IANNUZZI, GUSDON, AND HERBST), 489

HERCZEG, J. (see CSAPO ET AL.), 1

HERNANDEZ HORTA, JOSÉ LUIS (see LOPEZ-LLERA, RUBIO LINARES, AND HERNÁNDEZ HORTA), 149

HEYMANN, MICHAEL A. (see RUDOLPH AND HEYMANN), 183

HICKS, L. P. (see VAN NAGELL ET AL.), 134

HINKLEY, CLARK (see BAILEY ET AL.), 257

HODGSON, BARRIE J. (see PAUERSTEIN AND HODGSON), 840

HOLMES, PAUL V., AND BERGSTRÖM, STAFFAN. Cyclic adenosine monophosphate-induced changes in the surface morphology of diapausing blastocysts and the effects on implantation, 301

Hon, Edward H. (see Miller et al.), 398 HOSKINS, WILLIAM J. (see AVERETTE ET AL.), 912

HOUSTON, MARSHALL L. (see RAMSEY, HOUSTON, AND HARRIS), 647

HUANG, KO-EN (see SEKI ET AL.), 125 VON HUGO, R. (see GRAEFF ET AL.), 21

HULKA, JARASLAV F. (see BROWN ET AL.), 741

HUNTER, CHARLES A., JR. The goal of learning-to be enlightened, 805

HUTCHISON, PAUL (see SOKOL ET AL.), 431

IANNUZZI, NICHOLAS P., GUSDON, JOHN P., JR., AND HERBST, GLENN A. Purification of naturally occurring antibody to human placental lactogen by affinity chromatography, 489

ISAACS, GERTRUDE (see BROWNE AND ISAACS), 14 ISRAEL, ROBERT (see MARCH, ISRAEL, AND MISHELL), 209

JANECEK, PAUL (see STAMM ET AL.), 193

JOHNS, A., MOLNAR, S., AND PATON, D. M. Inhibition of spontaneous contractility of the human and the rabbit Fallopian tube by potassium, 506

JOHNSON, JOHN W. C. (see KALTREIDER AND JOHNSON), 251

JONES, HOWARD W., JR. (see MANUEL, KATAYAMA, AND JONES), 293

KAIHOLA, H. L. (see CSAPO ET AL.), 1

KALTREIDER, D. FRANK, AND JOHNSON, JOHN W. C. Patients at high risk for low-birth-weight delivery, 251

KAN, YUET W. (see GOLBUS, KAN, AND NAGLICH-CRAIG), 653

KAROTKIN, EDWARD H., KIDO, MASUMITSU, REDDING, RALPH, CASHORE, WILLIAM J., DOUGLAS, WILLIAM, STERN, LEO, AND OH, WILLIAM. The inhibition of pulmonary maturation in the fetal rabbit by maternal treatment with phenobarbital, 529 (Current investigation)

KATAGIRI, HIDEHIKO, DISTLER, WOLFGANG, FREEMAN, ROGER K., AND GOEBELSMANN, UWE. Estriol in pregnancy. IV. Normal concentrations, diurnal and/or episodic variations, and dayto-day changes of unconjugated and total estriol in late pregnancy plasma, 272

KATAYAMA, K. PAUL (see MANUEL, KATAYAMA, AND JONES), 293

KATES, RICHARD J., AND SCHIFRIN, BARRY S. Self-limited acute defibrination in pregnancy: Case report (Comm. in brief), 432 KERR, CHARLOTTE H. (see THOMPSON ET AL.), 557 KETCHAM, ALFRED S. (see GEELHOED ET AL.), 510

KHANNA, SUSHILA (see MURTHY, AGARWAL, AND KHANNA), 641

KIDO, MASUMITSU (see KAROTKIN ET AL.), 529 KILLAM, ALLEN P. (see WHITT ET AL.), 479

KIM, M. H. (see FRIEDMAN ET AL.), 75

KING, THEODORE M. (see BLAKE ET AL.), 239, 245

(see NIEBYL ET AL.), 607

KIRIWAT, ORAWAN (see KOETSAWANG ET AL.), 601

Kleinman, Irwin (see Munz et al.), 499

KOETSAWANG, SUPORN, BHIRALEUS, PRAPAS, RACHAWAT, DAUNGDAO, AND KIRIWAT, ORAWAN. Comparison of culdoscopic and laparoscopic tubal sterilization, 601

KOHEN-RAZ, REUVEN (see ORNOY ET AL.), 474

Kosasa, Thomas S., Thompson, Irwin E., Byer, William B., and TAYMOR, MELVIN L. A comparison between gonadotropin radioimmunoassays with the use of 48 hour and six-day incubation methods, 116

Kossoff, George (see Fisher, Garrett, and Kossoff), 483

KRETSCHMER, ROBERTO (see MARQUEZ-MONTER ET AL.), 406

KRISHNAN, L. (see HALL ET AL.), 630

KRONICK, J. B. Teratogenic effects of ethyl alcohol administered to pregnant mice, 676

KUBARYCH, SANDRA F. (see QUEENAN ET AL.), 865 KURLAND, LEONARD T. (see Noller et al.), 285

DE LABORDE, N. P. (see DUJOVNE ET AL.), 229

- (see ROSNER ET AL.), 567

LANE, B. (see WEINMANN ET AL), 719

LATSCHA, URS (see STAMM ET AL.), 193 LAU, H. LORRIN, AND LINKINS, SUSAN E. Alpha-fetoprotein, 533 (Current developments)

LAUERSEN, NEILS H., AND WILSON, KATHLEEN H. Luteolytic and abortifacient effects of serial intramuscular injections of 15(S)-15-methyl-prostaglandin $F_{2\alpha}$ in early pregnancy, 425 (Current investigation)

- AND -. Termination of midtrimester pregnancy by serial intramuscular injections of 15(S)-15-methyl-prostaglandin F20, 169

(see ZERVOUDAKIS, LAUERSEN, AND SAARY), 659

Leader, A. (see Bygdeman et al.), 495 Leong, M. K. H., and Pearson Murphy, B. E. Cortisol levels in maternal venous and umbilical cord arterial and venous

serum at vaginal delivery, 471 Lim, Henry S. (see Blake et al.), 239

LIN, TSUE-MING, HALBERT, SEYMOUR P., SPELLACY, WILLIAM N., AND GALL, STANLEY. Human pregnancy-associated plasma proteins during the postpartum period, 382

Linares, J. (see Arocha Piñango et al.), 18 Lindemann, H. J., and Mohr, J. CO₂ hysteroscopy: Diagnosis and treatment, 129

LINKINS, SUSAN E. (see LAU AND LINKINS), 533

LIU, MAIDA (see MANN ET AL.), 699

LONGSTRETH, JAMES A. (see BLAKE ET AL.), 245

LÓPEZ-LLERA, MARIO, DE LA LUZ ESPINOSA, MARÍA, DIAZ DE LEÓN P., MANUEL, AND RUBIO LINARES, GUILLERMO. Abnormal coagulation and fibrinolysis in eclampsia, 681

RUBIO LINARES, GUILLERMO, AND HERNÁNDEZ HORTA, JOSÉ LUIS.

Maternal mortality rate's in eclampsia, 149 López-Osuna, Martha (see Márquez-Monter et al.), 406

LOVITT, WILLIAM V. (see WINGERD ET AL.), 671

LU, THERESE, MACASAET, MILAGROS A., AND NELSON, JAMES H., JR. The barrel-shaped cervical carcinoma, 596

(see MACASAET, LU, AND NELSON), 757 LUNDSTRÖM, V. (see BYGDEMAN ET AL.), 495

DE LA LUZ ESPINOSA, MARÍA (SEE LÓPEZ-LLERA ET AL.), 681

MACASAET, MILAGROS A., LU, THERESE, AND NELSON, JAMES H., JR. Ureterovaginal fistula as a complication of radical pelvic surgery, 757

- (see Lu. Macasaet, and Nelson), 596 MACDONALD, P. C. (see GANT ET AL.), 143

MADDEN, J. D. (see GANT ET AL.), 143

MAKOWSKI, EDGAR L. (see ROSENFELD ET AL.), 618

MAKOWSKI, PHILIP (see MANN ET AL.), 699

MALARKEY, WILLIAM B. (see BECK AND MALARKEY), 578
MANDEVILLE, EDGAR O. (see MATSEOANE, BATTS, AND MANDEVILLE), 766 MANN, LEON L. BHAKTHAVATHSALAN, AMRUTHA, LIU, MAIDA, AND Макоwsкi, Philip. The effect of methadone on fetal brain function, 699

(see Weiss et al.), 692

MANUEL, MAY, KATAYAMA, K. PAUL, AND JONES, HOWARD W., JR. The age of occurrence of gonadal tumors in intersex patients with a Y chromosome, 293

MARCH, CHARLES M., ISRAEL, ROBERT, AND MISHELL, DANIEL R., JR. Pregnancy following 29 cycles of clomiphene citrate therapy: A case report, 209 (Comm. in brief)

MÁRQUEZ-MONTER, HÉCTOR, KRETSCHMER, ROBERTO, LÓPEZ-OSUNA, MARTHA, AND BERLIOZ, RAÚL. Immunoglobulins and beta-1-C globulin in hydatidiform mole vesicles, 406

MARTIN, J. N. (see Bygdeman et al.), 495

MARTÍNEZ, P. (see AROCHA PIÑANGO ET AL.), 18

MASON, RUBLE A. (see PRITCHARD, CUNNINGHAM, AND MASON), 855

MATSEOANE, STEPHEN, BATTS, JAMES A., JR., AND MANDEVILLE, EDGAR
O. Ovarian hemorrhage complicating warfarin sodium anticoagulant therapy, 766 (Current investigation)

MAUGHAN, G. B. (see Sybulski and Maughan), 379

MEGLEN, M. (see SLOME ET AL.), 177

MEHRA, USHA, O'CONNOR, TIMOTHY, OSTAPOWICZ, FRANK, AND CAVANAGH, DENIS. Pregnancy with bilateral ruptured benign cystic teratomas, 361

MELBER, SISTER ANN (see WEISS ET AL.), 692

MENUTTI, M. T. (see BIGGERSTAFF ET AL.), 207 MESCHIA, GIACOMO (see ROSENFELD, BARTON, AND MESCHIA), 156

- (see ROSENFELD ET AL.), 618

MILLEN, ANITA K. (see COOPER, MILLEN, AND MISHELL), 121

MILLER, FRANK C., YEH, SZE-YA, SCHIFRIN, BARRY S., PAUL, RICHARD H., AND HON, EDWARD H. Quantitation of uterine activity in 100 primiparous patients, 398

MILLER, GERALD L. (see HALL ET AL.), 630

MISHELL, DANIEL R., JR. (see COOPER, MILLEN, AND MISHELL), 121 (see MARCH, ISRAEL, AND MISHELL), 209

MIYASAKI, BARBARA C. (see BLAKE ET Al.), 239, 245

MOCSARY, P. (see CSAPO ET AL.), 1

MOHR, J. (see LINDEMANN AND MOHR), 129

MOLNAR, S. (see JOHNS, MOLNAR, AND PATON), 506 MONTGOMERY, THADDEUS L. Adolescent sexuality and paramarriage,

MONTILLA, G. (see Arocha Piñango et al.), 18

MORLEY, GEORGE W. Infiltrative carcinoma of the vulva: Results of surgical treatment, 874

MORRIS, DAVID J. (see SLAUGHTER AND MORRIS), 206 MORRISS, FRANK H., JR. (see ROSENFELD ET AL.), 618

MUIR, ROBERT W. (see FICHERA ET AL.), 663

MUNZ, DIANE, CARSON, STEPHEN, BROCK, BARRY, BELL, LORRAINE, KLEINMAN, IRWIN, ROBERT, MARIE, AND SIMON, JANINE. Contraceptive knowledge and practice among undergraduates at a Canadian university, 499

MURTHY, L. S., AGARWAL, K. N., AND KHANNA, SUSHILA. Placental morphometric and morphologic alterations in maternal undernutrition, 641

VAN NAGELL, J. R., JR., PARKER, J. C., JR., HICKS, L. P., CONRAD, R., AND ENGLAND, G. Diagnostic and therapeutic efficacy of cervical conization, 134

NAGLE, C. A. (see ROSNER ET AL.), 567

NAGLICH-CRAIG, MARVEEN (see GOLBUS, KAN, AND NAGLICH-CRAIG),

NAIB, ZUHER (see ORY ET AL.), 573

NASH, ARTEMIS D. (see Tovell, Banogan, and Nash), 924

NEIGHBOR, RALPH M., AND NEWMAN, ROBERT L. Incidence of cervical cancer in perimenopausal and postmenopausal women detected by Papanicolaou smears, 348

NELSON, JAMES H., JR. (see Lu, Macasaet, and Nelson), 596

(see MACASAET, LU, AND NELSON), 757

NESBITT, D. (see HARGROVE ET Al.), 25

NEWMAN, ROBERT L. (see NEIGHBOR AND NEWMAN), 348 NEIBYL, JENNIFER R., BLAKE, DAVID A., BURNETT, LONNIE S., AND KING, THEODORE M. The influence of aspirin on the course of induced midtrimester abortion, 607

NIGAM, SARVESH K. (see ATHINARAYANAN ET AL.), 212

NOGALES, FRANCISCO F., JR., AND SILVERBERG, STEVEN G. Epidermoid cysts of the ovary: A report of five cases with histogenetic considerations and ulstructural findings, 523

NOLLER, KENNETH L., DECKER, DAVID G., SYMMONDS, RICHARD E., DOCKERTY, MALCOLM B., AND KURLAND, LEONARD T. Clearcell adenocarcinoma of the vagina and cervix: Survival data, 985

Norusis, Marija J. (see Amarose and Norusis), 635

OBER, WILLIAM B. (see ABITBOL ET AL.), 460 O'CONNOR, TIMOTHY (see MEHRA ET AL.), 361 OH. W. (see FISER ET AL.), 421

(see KAROTKIN ET AL.), 529

OHRLANDER, STEN (see GENNSER, OHRLANDER, AND ENEROTH), 43

OKUMURA, TOSHIKO (see SEKI ET AL.), 125

OLIVO, JAIME (see CALANOG ET AL.), 60

ORNOY, ASHER, AND ALTSHULER, GEOFFREY. Maternal endotoxemia, fetal anomalies, and central nervous system damage: A rat model of a human problem, 196

-, BENADY, SAM, KOHEN-RAZ, REUVEN, AND RUSSELL, ALEX. ASSOCIAtion between maternal bleeding during gestation and congenital anomalies in the offspring, 474

Ortiz, Yolanda (see Snyder et al.), 751 Ory, Howard, Naib, Zuher, Conger, S. Beach, Hatcher, Robert A., AND TYLER, CARL W., Jr. Contraceptive choice and prevalence of cervical dysplasia and carcinoma in situ, 573

OSTAPOWICZ, FRANK (see MEHRA ET AL.), 361

PALM, J. (see FERGUSON AND PALM), 415

Papas, Anita J. (see Abell et al.), 388 Park, Robert C. (see Fichera et al.), 663

PARKER, J. C., JR. (see VAN NAGELL ET AL.), 134

PARVEZ, S., AND PARVEZ, H. Changes in evolution of free epinephrine, norepinephrine, and vanillylmandelic acid in the urine of rabbits during late pregnancy and parturition, 222

PATON, D. M. (see JOHNS, MOLNAR, AND PATON), 506
PATTILLO, ROLAND A. Immunotherapy and chemotherapy of gynecologic cancers, 808

PAUERSTEIN, CARL J., AND HODGSON, BARRIE J. Rate of transport of radioactive ovum models through the oviducts of individual rabbits, 840

PAUL, RICHARD H. (see MILLER ET AL.), 398

Pearson Murphy, B. E. (see Leong and Pearson Murphy), 471

PEDROZA, E. (see DUJOVNE ET AL.), 229

(see ROSNER ET AL.), 567

PETTY, WILLIAM M. (see FICHERA ET AL.), 663

PEYSER, M. R. (see TOAFF, TOAFF, AND PEYSER), 92

PHILLIPS, NANCY (see BURROWS AND PHILLIPS), 697

PICKART, LOREN R., CREASY, ROBERT K., AND THALER, M. MICHAEL. Hyperfibrinogenemia and polycythemia with intrauterine growth retardation in fetal lambs, 268

PICKER, RICHARD H., AND SAUNDERS, DOUGLAS M. A simple geometric method for determining fetal weight in utero with the compound gray scale ultrasonic scan, 493

PIEROG, SOPHIE H. (see ATHINARAYANAN ET AL.), 212

PINKUS, JACK L. (see CHATTORAJ ET AL.), 848

PIRANI, CONRAD L. (see ABITBOL ET AL.), 460

POWELL, JOHN E. (see STEVENS, BOHN, AND POWELL), 51

POWER, JON DAVID (SEE BARCLAY ET AL.), 900

PRITCHARD, JACK A., CUNNINGHAM, F. GARY, AND MASON, RUBLE A. Coagulation changes in eclampsia: Their frequency and pathogenesis, 855

PULKKINEN, M. (see CSAPO ET AL.), 1

QUEENAN, JOHN T., KUBARYCH, SANDRA F., COOK, LARRY N., ANDER-SON, GARLAND D., AND GRIFFIN, LARRY P. Diagnostic ultrasound for detection of intrauterine growth retardation,

12

RACHAWAT, DAUNGDAO (see KOETSAWANG ET AL.), 601

RAMOS, REINALDO (see AVERETTE ET Al.), 912

RAMSEY, ELIZABETH M., HOUSTON, MARSHALL L., AND HARRIS, JOHN W. S. Interactions of the trophoblast and maternal tissues in three closely related primate species, 647

REDDING, RALPH (see KAROTKIN ET AL.), 529 REED, GEORGE B. (see SOKOL ET AL.), 431

Renaud, R. (see Brettes, Renaud, and Gandar), 164 Restivo, Raymond M. (see Fields, Restivo, and Brown), 730

RHODES, PHILIP G. (see HALL ET AL.), 630

RICHARDS, BRUCE C. A new technique for incidental tubal ligation at the time of cholecystectomy, 658 (Comm. in brief)

RICHART, RALPH M. (see BARRON, WEINSTEIN, AND RICHART), 723 RINGROSE, C. A. DOUGLAS. Placenta previa in association with an incompetent cervix, 659 (Comm in brief)

ROBBOY, STANLEY J. (see HERBST, TAFT, AND ROBBOY), 761

ROBERSON, V. O. (see Brown et al.), 741

ROBERT, MARIE (see MUNZ ET AL.), 499

ROBERTS, ROBERT B., AND SHIRLEY, MICHAEL A. The obstetrician's role in reducing the risk of aspiration pneumonitis, 611 RODRÍGUEZ, S. (see AROCHA PIÑANGO ET AL.), 18

ROGERS, R. E. (see BIGGERSTAFF ET AL.), 207

ROGINSKY, MARTIN S. (see Weiss et al.), 692

ROSEN, MORTIMER G. (see SOKOL, ZADOR, AND ROSEN), 764 ROSENBLUM, NORMAN G., AND SCHLAFF, SHELDON. GONAdotropinreleasing hormone radioimmunoassay and its measurement in normal human plasma, secondary amenorrhea, and postmenopausal syndrome, 340

ROSENFELD, CHARLES R., BARTON, M. DENNIS, AND MESCHIA, GIACOMO. Effects of epinephrine on distribution of blood flow in the

pregnant ewe, 156

-, Morriss, Frank H., Jr., Battaglia, Frederick C., Makowski, EDGAR L., AND MESCHIA, GIACOMO. Effect of estradiol-17β on blood flow to reproductive and nonreproductive tissues in pregnant ewes, 618

ROSNER, J. M., NAGLE, C. A., DE LABORDE, N. P., PEDROZA, E., BADANO, A., FIGUEROA CASAS, P. R., AND CARRIL, M. Plasma levels of norepinephrine (NE) during periovulatory period and after LH-RH stimulation in women, 567

- (see Dujovne et al.), 229

RUBIN, SAMUEL H. (see SALL ET AL.), 217

RUBIO LINARES, GUILLERMO (see LÓPEZ-LLERA, RUBIO LINARES, AND HERNÁNDEZ HORTA), 149

(see LÓPEZ-LLERA ET AL.), 681

RUDOLPH, ABRAHAM M., AND HEYMANN, MICHAEL A. Cardiac output in the fetal lamb: The effects of spontaneous and induced changes of heart rate on right and left ventricular output, 183

RUSSELL, ALEX (see ORNOY ET AL.), 474

SAARY, ZOLTAN (see ZERVOUDAKIS, LAUERSEN, AND SAARY), 659

SALL, SANFORD, GROMISCH, DONALD S., RUBIN, SAMUEL H., AND STONE, MARTIN L. Improvement of faculty teaching performance in a department of obstetrics and gynecology by student evaluation, 217

- (see CALANOG ET AL.), 60

- (see Sudo, Goldberg, and Sall), 310

SARDA, INDER R., AND GORWILL, R. HUGH. Hormonal studies in pregnancy. I. Total unconjugated estrogens in maternal peripheral vein, cord vein, and cord artery serum at delivery, 234

SAUNDERS, DOUGLAS M. (see Picker and Saunders), 493

SCHIFRIN, BARRY S. (see KATES AND SCHIFRIN), 432 — (see MILLER ET AL.), 398

SCHLAFF, SHELDON (see ROSENBLUM AND SCHLAFF), 340

SCHOEN, EDGAR J. (see WINGERD ET AL.), 671

VON SCHOULTZ, B. (see DAMBER ET AL.), 289

Scoggin, W. A. Fetal membrane dynamics, 825

SCRAGG, WILLIAM H. (see WHITT ET AL.), 479

SEKI, KATSUYOSHI, SEKI, MITSUNORI, OKUMURA, TOSHIKO, AND HUANG, Ko-En. Effect of clomiphene citrate on serum prolactin in infertile women with ovarian dysfunction, 125

SEKI, MITSUNORI (see SEKI ET AL.), 125

SHEIKH, HAMID HUSSAIN, AND YUSSMAN, MARVIN A. Radiation exposure of ovaries during hysterosalpingography, 307

SHIRLEY, MICHAEL A. (see ROBERTS AND SHIRLEY), 611

SIEGEL, MORRIS. Unresolved issues in the first five years of the rubella immunization program, 327 (Clinical opinion) SIITERI, P. K. (see GANT ET AL.), 143

SIKOV, MELVIN R. (see THOMPSON ET AL.), 557

SILVERBERG, STEVEN G. (see NOGALES AND SILVERBERG), 523

SIMON, JANINE (see MUNZ ET AL.), 499

SIPAHIOGLU, ISMET B. (see BRUNETEAU ET AL.), 55

SITARZ, ANNELIESE L., DRISCOLL, JOHN M., JR., AND WOLFF, JAMES A.
Management of isoimmune neonatal thrombocytopenia, 39
SLAUGHTER, LAURA, AND MORRIS, DAVID J. Peritoneal-cutaneous fistula

secondary to a perforated Dalkon shield, 206 (Comm. in

SLOME, C., WETHERBEE, H., DALY, M., CHRISTENSEN, K., MEGLEN, M., AND THIEDE, H. Effectiveness of certified nurse-midwives,

SMOLENSKY, M. H. (see WEINMANN ET AL.), 719

SNYDER, RICHARD N., ORTIZ, YOLANDA, WILLIE, SAMONA, AND COVE, J. KAREN J. Dysplasia and carcinoma in situ of the uterine

cervix: Prevalence in very young women (under age 22), 751
ROBERT L. HUTCHISON, PAUL, COWAN, DALE, AND REED. GEORGE B. Amelanotic melanoma metastatic to the placenta, 431 (Comm. in brief)

-, ZADOR, IVAN, AND ROSEN, MORTIMER G. Slowing of active labor associated with internal fetal monitoring, 764 (Current investigation)

SOLHEIM, F. (see DAMBER ET AL.), 289

SOUTHREN, A. LOUIS (see CALANGG ET AL.), 60

SPELLACY, WILLIAM N. (see LIN ET AL.), 382 SPERLING, M. A. (see FISER ET AL.), 421

STAMM, OTTO, LATSCHA, URS, JANECEK, PAUL, AND CAMPANA, ALDO.
Development of a special electrode for continuous subcutaneous pH measurement in the infant scalp, 193

STERN, LEO (see KAROTKIN ET AL.), 529

STEVENS, VERNON C., BOHN, HANS, AND POWELL, JOHN E. SETUM levels of a placental protein during gestation in the baboon, 51

STIGBRAND, T. (see DAMBER ET AL.), 289

STILL, J. GORDON (see GREISS, STILL, AND ANDERSON), 889 STONE, MARTIN L. (see SALL ET AL.), 217

STRUBLE, R. HARLAN (see BARCLAY ET AL.), 900

SUDO, NOROHITO, GOLDBERG, THEODORE, AND SALL, SANFORD. Ovarian malignancy subsequent to a Le Fort operation, 210 (Comm. in brief)

SYBULSKI, S., AND MAUGHAN, G. B. Effect of ampicillin administration on estradiol, estriol, and cortisol levels in maternal plasma and on estriol levels in urine, 379

SYMMONDS, RICHARD E. (see NOLLER ET AL.), 285

TABEI, TORU, AND HEINRICHS, W. LEROY. Diagnosis of placental sulfatase deficiency, 409

TAFT, PRISCILLA D. (see HERBST, TAFT, AND ROBBOY), 761 TAYLOR, PEYTON T. (see GEELHOED ET AL.), 510

TAYMOR, MELVIN L. (see KOSASA ET AL.), 116

Tejani, Nergesh (see Weiss et al.), 692 Thaler, M. Michael (see Pickart, Creasy, and Thaler), 268

THIEDE, H. (see SLOME ET AL.), 177

THOMPSON, HORACE E., BORDERS, JUEL P., DICKEY, RICHARD P., FREILICH, THEODORE H., FRIEDMAN, EMANUEL A., KERR, CHARLOTTE H., SIKOV, MELVIN R., GORMAN, ARNOLD E., AND BROWNE-MAYERS, CHARLOTTE. FDA obstetrics-gynecology device classification report, 557 (Clinical opinion)

THOMPSON, IRWIN E. (see Kosasa et al.), 116

TOAFF, M. E. (see TOAFF, TOAFF, AND PEYSER), 92

TOAFF, R., TOAFF, M. E., AND PEYSER, M. R. Infertility following wedge resection of the ovaries, 92

TOVELL, HAROLD M. M., BANGGAN, PETRA, AND NASH, ARTEMIS D. Cytology and colposcopy in the diagnosis and management of preclinical carcinoma of the cervix uteri: A learning experience, 924

- TREDWAY, DONALD R. The interpretation and significance of the fractional postcoital test, 352
- TSUKADA, YOSHIAKI. Benign melanosis of the vagina and cervix, 211 (Comm. in brief)
- TURNER, ADRIAN K. (see CHATTORAL ET AL.), 848
- Tyler, Carl W., Jr. (see Ory et al.), 573

11

UMSTOT, EDWARD S. (see GIVENS ET AL.), 333

11

- VanBergen, William S., Fleury, Frederick J., and Cheatle, Esther L. Fatal maternal disseminated coccidioidomycosis in a nonendemic area, 661 (Comm. in brief)
- Vande Wiele, R. L. Neurohormonal control of gonadotropic secretion in primates, 832

W

- WALKER, JAMES. Prognostic value of antenatal screening, 30
- Warshaw, Joseph E. (see Berkowitz, Bonta, and Warshaw), 712
 Weinmann, S., Dawson, E. B., Smolensky, M. H., and Weisberg, R.
 F., with the technical assistance of Lane, B., and Bryan, S.
 Effect of oral contraceptives on rhythmic urinary metal
- excretion, 719
 WEINSTEIN, ALLAN J., GIBBS, RONALD S., AND GALLAGHER, MOLLIE.
 Placental transfer of clindamycin and gentamicin in term
 pregnancy, 688
- (see GIBBS AND WEINSTEIN), 769
- Weinstein, Gerald D. (see Averette et al.), 912
- Weinstein, Howard (see Barron, Weinstein, and Richart), 723
- WEISBERG, R. F. (see WEINMANN ET AL.), 719
- Weiss, Robert R., Roginsky, Martin S., Mann, Leon I., Melber, Sister Ann, Bachorik, Joan, Tejani, Nergesh, Bhakthavathsalan, Amrutha, and Evans, Mark I. Erythrocyte 2,3-diphosphoglycerate in normal and hypertensive gravid women and their newborn infants, 692

- WETHERBEE, H. (see SLOME ET AL.), 177
- WEXLER, DAVID J. A new self-retaining vaginal retractor, 436 (Comm. in brief)
- WHITT, GERALD G., BUSTER, JOHN E., KILLAM, ALLEN P., AND SCRAGG, WILLIAM H. A comparison of two glucocorticoid regimens for acceleration of fetal lung maturation in premature labor, 479
- WIEDEMANN, A. (see GRAEFF ET AL.), 21
- WILLIAMS, P. R. (see FISER ET AL.), 421 WILLIE, SAMONA (see SNYDER ET AL.), 751
- WILLIS, MICHELE M. (see ABELL ET AL.), 388
- WILSON, KATHLEEN H. (see LAUERSEN AND WILSON), 169, 425
- WINGERD, JOHN, CHRISTIANSON, ROBERTA, LOVITT, WILLIAM V., AND SCHOEN, EDGAR J. Placental ratio in white and black women: Relation to smoking and anemia, 671
- Wiser, Winfred L. (see Givens et al..), 333
- WOLFE, JOHN N. Developments in mammography, 312 (Current developments)
- WOLFF, JAMES A. (see SITARZ, DRISCOLL, AND WOLFF), 39
- Wood, Gary P., and Boronow, Richard C. Endometrial adenocarcinoma and the polycystic ovary syndrome, 140
- WOOLEVER, C. ALLAN (see BENOIT ET AL.), 356

v

- YAO, JAMES S. T. (see BERGAN, DEAN, AND YAO), 562
- YEH, SZE-YA (see MILLER ET AL.), 398
- YETTER, J. F. (see BIGGERSTAFF ET AL.), 207
- Younger, Benjamin (see Bailey et al.), 257
- YUSSMAN, MARVIN A. (see SHEIKH AND YUSSMAN), 307

7.

- ZADOR, IVAN (see SOKOL, ZADOR, AND ROSEN), 764
- ZERVOUDAKIS, I. A., LAUERSEN, NIELS H., AND SAARY, ZOLTAN. Unusual
- twin pregnancy in a double uterus, 659 (Comm. in brief)
 ZIEL, HARRY K., AND FINKLE, WILLIAM D. Association of estrone with
 the development of endometrial carcinoma, 735
- ZOLTAN, I. (see CSAPO ET AL.), 1

Subject index*

A

Abortifacient effects, luteolytic and, of serial intramuscular injections of 15(S)-15-methyl-prostaglandin $F_{2\alpha}$ in early pregnancy (Lauersen and Wilson), 425 (Current investigation)

Abortion, induced midtrimester, influence of aspirin on course of (Niebyl et al.), 607

second-trimester spontaneous, IUD, and infection (Eisinger), 393 Acetate, chlormadinone, serum prolactin concentrations in women treated with (Beck and Malarkey), 578

Acetylcholine, calcium and, indomethacin induces rat uterine contractions in vitro and alters reactivity to (Hargrove et al.), 25

Acid, vanillylmandelic, epinephrine, and norepinephrine, free, changes in evolution of, in urine of rabbits during late pregnancy and parturition (Parvez and Parvez), 222

Addicted pregnant women, methadone-managed and heroin-, and their newborn infants, cytogenetics of (Amarose and Norusis), 635

Adenocarcinoma, clear-cell, of vagina and cervix: Survival data (Noller et al.), 285

endometrial, and polycystic ovary syndrome (Wood and Boronow),

primary, of vermiform appendix in gynecologic patient (Fichera et al.), 663 (Comm. in brief)

Adenosine monophosphate-induced changes, cyclic, in surface morphology of diapausing blastocysts and effects on implantation (Holmes and Bergström), 301

Adolescent sexuality and paramarriage (Montgomery), 818

Affinity chromatography, purification of naturally occurring antibody to human placental lactogen by (Iannuzzi, Gusdon, and Herbst), 489

Age of occurrence of gonadal tumors in intersex patients with Y chromosome (Manuel, Katayama, and Jones), 293

Agenesis, vaginal (Capraro and Gallego), 98 (Current developments) Aging, placental, monitored by gray scale echography (Fisher, Garrett, and Kossoff). 483

Alanine-stimulated glucagon secretion, effects of fasting and theophylline on, in neonatal and infant sheep (Fiser et al.), 421

Albumin, sodium bicarbonate and, rapid infusion of, into high-risk premature infants soon after birth: Controlled, prospective trial (Bland, Clarke, and Harden), 263

Alcohol, ethyl, administered to pregnant mice, teratogenic effects of (Kronick), 676

Alpha-fetoprotein (Lau and Linkins), 533 (Current developments) Amelanotic melanoma metastatic to placenta (Sokol et al.), 431 (Comm. in brief)

Amenorrhea, secondary, postmenopausal syndrome, and normal human plasma, gonadotropin-releasing hormone radioimmunoassay and its measurement in (Rosenblum and Schlaff), 340

American Association of Obstetricians and Gynecologists, transactions, eighty-sixth annual meeting, 805-934 Amniotic band, strangulation of umbilical cord by (Burrows and

Amniotic band, strangulation of umbilical cord by (Burrows and Phillips), 697

fluid cells, nuclear chromatin determination in, for prenatal sex prediction in macaque (Herbst, Taft, and Robboy), 761 (Current investigation) Amniotic fluid-Cont'd

and cord blood, cortisol in, in relation to prenatal betamethasone load and delivery (Gennser, Ohrlander, and Eneroth), 43 osmolality in pregnancies complicated by diabetes (Bailey et al.), 957

Ampicillin administration, effect of, on estradiol, estriol, and cortisol levels in maternal plasma and on estriol levels in urine (Sybulski and Maughan), 379

Analogue, its, ICI 81008, progesterone, prostaglandin $F_{2\alpha}$ and, effects of, on excitability and threshold of uterus (Csapo), 367

Androstenedione, testosterone, LH, and FSH, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333

Anemia, smoking and, relation to: Placental ratio in white and black women (Wingerd et al.), 671

Anencephalic pregnancy, normal and, significance of urinary free cortisol and progesterone in (Chattoraj et al.), 848

Anesthesia, local, ventilatory and blood gas changes during laparoscopy with (Brown et al.), 741

Anesthetic agents, local, effects of, on uterine vasculatures and myometrium (Greiss, Still, and Anderson), 889

Anomalies, congenital, in offspring, association between maternal bleeding during gestation and (Ornoy et al.), 474 fetal, central nervous system damage, and maternal endotoxemia:

fetal, central nervous system damage, and maternal endotoxemia:

Rat model of human problem (Ornoy and Altshuler), 196

untenatal screening, prognostic value of (Walker), 30

Antenatal screening, prognostic value of (Walker), 30 Antibiotic era, puerperal infection in (Gibbs and Weinstein), 769 (Current developments)

treatment of parturient women colonized with group B streptococci (Hall et al.), 630

Antibody, naturally occurring, to human placental lactogen, purification of, by affinity chromatography (lannuzzi, Gusdon, and Herbst), 489

Anticoagulant therapy, warfarin sodium, ovarian hemorrhage complicating (Matseoane, Batts, and Mandeville), 766 (Current investigation)

Appendix, vermiform, primary adenocarcinoma of, in gynecologic patient (Fichera et al.), 663 (Comm. in brief)

Arterial and venous serum, maternal venous and umbilical cord, cortisol levels in, at vaginal delivery (Leong and Pearson Murphy), 471

Artery, cord, cord vein, and maternal peripheral vein serum, total unconjugated estrogens in, at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234

Aspiration pneumonitis, obstetrician's role in reducing risk of (Robert and Shirley), 611

Aspirin, influence of, on course of induced midtrimester abortion (Niebyl et al.), 607

В

B streptococci, group, antibiotic treatment of parturient women colonized with (Hall et al.), 630

Barbadian women, investigation of effects of intrauterine contraceptive device based on longitudinal study of self-selected sample of (Barron, Weinstein, and Richart), 723

^{*}January 1, 1-112; January 15, 113-216; February 1, 217-326; February 15, 327-444; March 1, 445-556; March 15, 557-670; April 1, 671-804; April 15, 805, 854

- Barrel-shaped cervical carcinoma (Lu, Macasaet, and Nelson), 596 Benign cystic teratomas, bilateral ruptured, pregnancy with (Mehra et al.), 361
- melanosis of vagina and cervix (Tsukada), 211 (Comm. in brief) Beta-1-C globulin, immunoglobulins and, in hydatidiform mole vesicles (Márquez-Monter et al.), 406
- Betamethasone load, prenatal, and delivery, cortisol in amniotic fluid and cord blood in relation to (Gennser, Ohrlander, and Eneroth), 43
- Bicarbonate, sodium, and albumin, rapid infusion of, into high-risk premature infants soon after birth: Controlled, prospective trial (Bland, Clarke, and Harden), 263
- Binding capacity, plasma testosterone-, effectiveness of two oral contraceptives in suppressing plasma androstenedione, testosterone, LH, and FSH and in stimulating, in hirsute women (Givens et al.), 333
- Birth-weight delivery, low-, patients at high risk for (Kaltreider and Johnson), 251
- Blastocysts, diapausing, cyclic adenosine monophosphate-induced changes in surface morphology of, and effects on implantation (Holmes and Bergström), 301
- Bleeding, maternal, during gestation and congenital anomalies in offspring, association between (Ornoy et al.), 474
- Blood, cord, amniotic fluid and, cortisol in, in relation to prenatal betamethasone load and delivery (Gennser, Ohrlander, and Eneroth), 43
- D-positive, effectiveness of prophylactic Rh immunosuppression after transfusion with (Bowman), 80
- flow, effects of epinephrine on distribution of, in pregnant ewe (Rosenfeld, Barton, and Meschia), 156
 - to reproductive and nonreproductive tissues, effect of estradiol- 17β on, in pregnant ewes (Rosenfeld et al.), 618
 - uterine, during third trimester of pregnancy, double-blind investigation into effects of ritodrine on (Brettes, Renaud, and Gandar), 164
- gas changes, ventilatory and, during laparoscopy with local anesthesia (Brown et al.), 741
- sampling, fetal, in midtrimester pregnancies (Golbus, Kan, and Naglich-Craig), 653 (Current investigation)
- Books received, 216, 444
- Brain function, fetal, effect of methadone on (Mann et al.), 699

- Calcium and acetylcholine, alters reactivity to, indomethacin induces rat uterine contractions in vitro and (Hargrove et al.), 25 Canadian university, contraceptive knowledge and practice among
- undergraduates at (Munz et al.), 499 Cancers, cervical, in perimenopausal and postmenopausal women, incidence of, detected by Papanicolaou smears (Neighbor and Newman), 348
- endometrial, testosterone metabolism in (Calanog et al.), 60 gynecologic, immunotherapy and chemotherapy of (Pattillo), 808 programmed chemotherapy for, cell kinetics and. I. Squamouscell carcinoma (Averette et al.), 912
- surgery, pelvic, vascular injuries in (Bergan, Dean, and Yao), 562 Carbon dioxide hysteroscopy (Bartsich and Dillon), 746
- Diagnosis and treatment (Lindemann and Mohr), 129 Carcinoma, barrel-shaped cervical (Lu, Macasaet, and Nelson), 596 cervical, treatment of (Beecham and Beiler), 281
- endometrial, association of estrone with development of (Ziel and Finkle), 735
- infiltrative, of vulva: Results of surgical treatment (Morley), 874 preclinical, of cervix uteri, cytology and colposcopy in diagnosis and management of: Learning experience (Tovell, Banogan, and Nash), 924
- in situ, cervical dysplasia and, contraceptive choice and prevalence of (Ory et al.), 573
- dysplasia and, of uterine cervix: Prevalence in very young women (under age 22) (Snyder et al.), 751
- of vagina following treatment for carcinoma of cervix: Distinctive clinical entity (Geelhoed et al.), 510
- squamous-cell, I. Cell kinetics and programmed chemotherapy for
- gynecologic cancer (Averette et al.), 912 Cardiac output in fetal lamb: Effects of spontaneous and induced changes of heart rate on right and left ventricular output (Rudolph and Heymann), 183

- Catecholamine content of human Fallopian tube and uterus and plasma levels of estradiol and progesterone, correlation between (Dujovne et al.), 229
- Cell(s) adenocarcinoma, clear-, of vagina and cervix: Survival data (Noller et al.), 285
 - amniotic fluid, nuclear chromatin determination in, for prenatal sex prediction in macaque (Herbst, Taft, and Robboy), 761 (Current investigation)
 - cultured from rat placental tissue, histologic characteristics of (Ferguson and Palm), 415
 - kinetics and programmed chemotherapy for gynecologic cancer. I. Squamous-cell carcinoma (Averette et al.), 912
- Central nervous system damage, maternal endotoxemia, and fetal anomalies: Rat model of human problem (Ornoy and Altshuler), 196
- Cervical cancer in perimenopausal and postmenopausal women, incidence of, detected by Papanicolaou smears (Neighbor and Newman), 348
- carcinoma, barrel-shaped (Lu, Macasaet, and Nelson), 596 treatment of (Beecham and Beiler), 281
- conization, diagnostic and therapeutic efficacy of (van Nagell et al.),
- dysplasia and carcinoma in situ, contraceptive choice and prevalence of (Ory et al.), 573
- Cervix, carcinoma of, carcinoma in situ of vagina following treatment for: Distinctive clinical entity (Geelhoed et al.), 510
- incompetent, placenta previa in association with (Ringrose), 659 (Comm. in brief)
- uteri, cytology and colposcopy in diagnosis and management of preclinical carcinoma of: Learning experience (Tovell, Banogan, and Nash), 924
- uterine, dysplasia and carcinoma in situ of: Prevalence in very young women (under age 22) (Snyder et al.), 751
- vagina and, benign melanosis of (Tsukada), 211 (Comm. in brief)
- clear-cell adenocarcinoma of: Survival data (Noller et al.), 285 Cesarean hysterectomy, elective: 5 year comparison with cesarean section (Barclay et al.). 900
- Chemotherapy, immunotherapy and, of gynecologic cancers (Pattillo), 808
- programmed, for gynecologic cancer, cell kinetics and. I. Squamous-cell carcinoma (Averette et al.), 912
- Chlordiazepoxide withdrawal in neonate (Athinarayanan et al.), 212 (Comm. in brief)
- Chlormadinone acetate, serum prolactin concentrations in women treated with (Beck and Malarkey), 578
- Cholecystectomy, new technique for incidental tubal ligation at time of (Richards), 658 (Comm. in brief)
- Chromatin determination, nuclear, in amniotic fluid cells for prenatal sex prediction in macaque (Herbst, Taft, and Robboy), 761 (Current investigation)
- Chromatography, affinity purification of naturally occurring antibody to human placental lactogen by (Iannuzzi, Gusdon, and Herbst), 489
- Chromosomal constitution, XY, pure gonadal dysgenesis with (Swyer's syndrome): Report of two cases (Bruneteau et al.), 55
- Chromosome, Y, age of occurrence of gonadal tumors in intersex patients with (Manuel, Katayama, and Jones), 293
- Citrate, clomiphene, on serum prolactin in infertile women with ovarian dysfunction (Seki et al.), 125 therapy, clomiphene, pregnancy following 29 cycles of: Case report (March, Israel, and Mishell), 309 (Comm. in brief)
- Classic pages, 97, 205, 311, 430, 532, 656, 768 Clear-cell adenocarcinoma of vagina and cervix: Survival data (Noller et al.), 285
- Clearance rate, metabolic, of dehydroisoandrosterone sulfate. IV. Acute effects of induced hypertension, hypotension, and naturesis in normal and hypertensive pregnancies (Gant et al.), 143
- Clindamycin and gentamicin, placental transfer of, in term pregnancy (Weinstein, Gibbs, and Gallagher), 688
- Clinical opinion, 113-115, 327-332, 557-561 Clomiphene citrate on serum prolactin in infertile women with ovarian dysfunction (Seki et al.), 125
- therapy, pregnancy following 29 cycles of: Case report (March, Israel, and Mishell), 309 (Comm. in brief)
- CO2 hysteroscopy: Diagnosis and treatment (Lindemann and Mohr),

- Coagulation, abnormal, and fibrinolysis in eclampsia (López-Llera et al.), 681
- changes in eclampsia: Their frequency and pathogenesis (Pritchard, Cunningham, and Mason), 855
- intravascular, in obstetrics: Serial dilution protamine sulfate test throughout labor (Arocha Piñango et al.), 18
- Coccidioidomycosis, fatal maternal disseminated, in nonendemic area (VanBergen, Fleury, and Cheatle), 661 (Comm. in
- Colonized with group B streptococci, antibiotic treatment of parturient women (Hall et al.), 630
- Colposcopy, cytology and, in diagnosis and management of preclinical carcinoma of cervix uteri: Learning experience (Tovell, Banogan, and Nash), 924
- Communications in brief, 206-213, 431-438, 657-664
- Community hospital, primary care nurse in: Frontier Nursing Service (Browne and Isaacs), 14
- Complexes, soluble fibrin monomer, amount and distribution pattern
- of, during early puerperium (Graeff et al.), 21 Concentrations, normal, diurnal and/or episodic variations, and day-to-day changes of unconjugated and total estriol in late pregnancy plasma (Katagiri et al.), 272
- serum prolactin, in women treated with chlormadinone acetate (Beck and Malarkey), 578
- Congenital anomalies in offspring, association between maternal bleeding during gestation and (Ornoy et al.), 474
- Conization, cervical, diagnostic and therapeutic efficacy of (van Nagell et al.), 134
- Contraception, psychometric testing as basis for counseling patients choosing method of (Brooks and Butcalis), 85
- Contraceptive(s) choice and prevalence of cervical dysplasia and carcinoma in situ (Ory et al.), 573
- device (IUD), intrauterine, infection, and second-trimester spontaneous abortion (Eisinger), 393
 - investigation of effects of, based on longitudinal study of self-selected sample of Barbadian women (Barron, Weinstein, and Richart), 723
 - maternal midtrimester sepsis in association with: Early histopathologic findings (Biggerstaff et al.), 207 (Comm. in brief)
 - new long-acting intrauterine: Copper T 220C (Cooper, Millen, and Mishell), 121
- knowledge and practice among undergraduates at Canadian university (Munz et al.), 499
- oral, effect of, on rhythmic urinary metal excretion (Weinmann et al) 719
- quantitative study of pregnancy zone protein in sera of women taking (Damber et al.), 289
- two oral, effectiveness of, in suppressing plasma androstenedione, testosterone, LH, and FSH, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333
- Contractility, spontaneous, of human and rabbit Fallopian tube, inhibition of, by potassium (Johns, Molnar, and Paton),
- Contractions, rat uterine, in vitro, indomethacin induces, and alters
- reactivity to calcium and acetylcholine (Hargrove et al.), 25 Copper T 220C: New long-acting copper intrauterine contraceptive device (Cooper, Millen, and Mishell), 121
- Cord arterial and venous serum, umbilical, maternal venous and, cortisol levels in, at vaginal delivery (Leong and Pearson
- Murphy), 471 blood, amniotic fluid and, cortisol in, in relation to prenatal betamethasone load and delivery (Gennser, Ohrlander, and Eneroth), 43
- umbilical, strangulation of, by amniotic band (Burrows and Phillips), 697
- vein, cord artery, and maternal peripheral vein serum, total unconjugated estrogens in, at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234
- Correspondence, 214-215, 439-443, 665-670 Cortisol in amniotic fluid and cord blood in relation to prenatal
- betamethasone load and delivery (Gennser, Ohrlander, and Eneroth), 43
- estradiol, and estriol levels in maternal plasma, effect of ampicillin administration on, and on estriol levels in urine (Sybulski and Maughan), 379

- Cortisol-Cont'd
- levels in maternal venous and umbilical cord arterial and venous serum at vaginal delivery (Leong and Pearson Murphy), 471
- and progesterone, urinary free, significance of, in normal and anencephalic pregnancy (Chattoraj et al.), 848
- Counseling patients choosing method of contraception, psychometric testing as basis for (Brooks and Butcalis), 85
- Culdoscopic and laparoscopic tubal sterilization, comparison of (Koetsawang et al.), 601
- Cultured from rat placental tissue, histologic characteristics of cells (Ferguson and Palm), 415 Current developments, 98-107, 312-323, 533-554, 769-787
- investigation, 425-429, 529-531, 653-655, 761-767
- Cutaneous fistula, peritoneal-, secondary to perforated Dalkon shield (Slaughter and Morris), 206 (Comm. in brief)
- Cycles, 29, of clomiphene citrate therapy, pregnancy following: Case report (March, Israel, and Mishell), 309 (Comm. in brief)
- Cyclic adenosine monophosphate-induced changes in surface mor-phology of diapausing blastocysts and effects on implantation (Holmes and Bergström), 301
- Cystic teratomas, bilateral ruptured benign, pregnancy with (Mehra et al.), 361
- Cysts, epidermoid, of ovary: Report of five cases with histogenetic considerations and ultrastructural findings (Nogales and Silverberg), 523
- Cytodynamics of human endometrial regeneration, studies on. I. Scanning electron microscopy (Ferenczy), 64
- II. Transmission electron microscopy and histochemistry (Ferenczy), 582 Cytogenetics of methadone-managed and heroin-addicted pregnant
- women and their newborn infants (Amarose and Norusis), 635
- Cytologic observations, mass Papanicolaou screening and, of teen-age girls, experience in (Fields, Restivo, and Brown), 730 Cytology and colposcopy in diagnosis and management of preclinical
- carcinoma of cervix uteri: Learning experience (Tovell, Banogan, and Nash), 924

- D-positive blood, effectiveness of prophylactic Rh immunosuppression after transfusion with (Bowman), 80
- Dalkon shield, perforated, peritoneal-cutaneous fistula secondary to (Slaughter and Morris), 206 (Comm. in brief)
- Defibrination, self-limited acute, in pregnancy: Case report (Kates and Schifrin), 432 (Comm. in brief)
- Dehydroisoandrosterone sulfate, metabolic clearance rate of. IV. Acute effects of induced hypertension, hypotension, and naturesis in normal and hypertensive pregnancies (Gant et al.). 143
- Delivery, low-birth-weight, patients at high risk for (Kaltreider and Johnson), 251
 - prenatal betamethasone load and, cortisol in amniotic fluid and cord blood in relation to (Gennser, Ohrlander, and Eneroth), 43
 - total unconjugated estrogens in maternal peripheral vein, cord vein, and cord artery serum at, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234
- vaginal, cortisol levels in maternal venous and umbilical cord arterial and venous serum at (Leong and Pearson Murphy), 471
- Device classification report, FDA obstetrics-gynecology (Thompson et al.), 557 (Clinical opinion)
 - intrauterine contraceptive, infection, and second-trimester spontaneous abortion (Eisinger), 393
 - investigation of effects of, based on longitudinal study of self-selected sample of Barbadian women (Barron, Weinstein, and Richart), 723
 - maternal midtrimester sepsis in association with: Early histopathologic findings (Biggerstaff et al.), 207 (Comm. in brief)
- new long-acting intrauterine contraceptive: Copper T 220C (Cooper, Millen, and Mishell), 121
- Diabetes, amniotic fluid osmolality in pregnancies complicated by
- (Baily et al.), 257 Diapausing blastocysts, cyclic adenosine monophosphate-induced changes in surface morphology of, and effects on implantation (Holmes and Bergström), 301

- Dilution protamine sulfate test, serial, throughout labor: Intravascular coagulation in obstetrics (Arocha Piñango et al.), 18
- Dioxide hysteroscopy, carbon (Bartsich and Dillon), 746 Diagnosis and treatment (Lindemann and Mohr), 129
- Diphosphoglycerate, erythrocyte 2,3-, in normal and hypertensive gravid women and their newborn infants (Weiss et al.), 692
- Disseminated coccidioidomycosis, fatal maternal, in nonendemic area (VanBergen, Fleury, and Cheatle), 661 (Comm. in brief)
- Distress syndrome, respiratory, premature rupture of membranes and, relationship between (Berkowitz, Bonta, and Warshaw), 712
- Diurnal and/or episodic variations, day-to-day changes, and normal concentrations of unconjugated and total estriol in late pregnancy plasma, IV. Estriol in pregnancy (Katagiri et al.), 979
- Dysgenesis, gonadal, in two siblings (Fleishman, Berlin, and Dana), 308 (Comm. in brief)
- pure gonadal, with XY chromosomal constitution (Swyer's syndrome): Report of two cases (Bruneteau et al.), 55
- Dysplasia and carcinoma in situ, cervical, contraceptive choice and prevalence of (Ory et al.), 573
 - of uterine cervix: Prevalence in very young women (under age 22) (Snyder et al.), 751

ŀ

- Echography, gray scale, placental aging monitored by (Fisher, Garrett, and Kossoff), 483
- Eclampsia, abnormal coagulation and fibrinolysis in (López-Llera et al.), 681
- coagulation changes in: Their frequency and pathogenesis (Pritchard, Cunningham, and Mason), 855
- maternal mortality rates in (López-Llera, Rubio Linares, and Hernández Horta), 149
- Eclamptic women, remote prognosis of (Chesley, Annitto, and Cosgrove), 446
- Cosgrove), 446 Electrode, special, for continuous subcutaneous pH measurement in
- infant scalp, development of (Stamm et al.), 183 Electron microscopy, scanning, I. Studies on cytodynamics of human
 - endometrial regeneration (Ferenczy), 64 transmission, and histochemistry, II. Studies on cytodynamics of human endometrial regeneration (Ferenczy), 582
- Endometrial adenocarcinoma and polycystic ovary syndrome (Wood and Boronow), 140
- cancer, testosterone metabolism in (Calanog et al.), 60
- carcinoma, association of estrone with development of (Ziel and Finkle), 735
- regeneration, human, studies on cytodynamics of. I. Scanning electron microscopy (Ferenczy), 64
 - II. Transmission electron microscopy and histochemistry (Ferenczy), 582
- Endotoxemia, maternal, fetal anomalies, and central nervous system damage: Rat model of human problem (Ornoy and Altshuler), 196
- Epidermoid cysts of ovary: Report of five cases with histogenetic considerations and ultrastructural findings (Nogales and Silverberg), 523
- Epinephrine, effects of, on distribution of blood flow in pregnant ewe (Rosenfeld, Barton, and Meschia), 156
- norepinephrine, and vanillylmandelic acid, free, changes in evolution of, in urine of rabbits during late pregnancy and
- parturition (Parvez and Parvez), 222 Erythrocyte 2,3-diphosphoglycerate in normal and hypertensive gravid women and their newborn infants (Weiss et al.), 692
- Ester, 15(S)15-methyl-PGF_{2α}-methyl, vaginally administered, outpatient postconceptional fertility control with (Bygdeman et al.), 493
- Estradiol, estriol, and cortisol levels in maternal plasma, effect of ampicillin administration on, and on estriol levels in urine
- (Sybulski and Maughan), 379
 and progesterone, plasma levels of, correlation between catecholamine content of human Fallopian tube and uterus
 and (Dujovne et al.), 229
- -17 β , effect of, on blood flow to reproductive and nonreproductive tissues in pregnant ewes (Rosenfeld et al.), 618
- Estriol, cortisol, and estradiol levels in maternal plasma, effect of ampicillin administration on, and on estriol levels in urine (Sybulski and Maughan), 379

- Estriol-Cont'd
- excretion, association between abnormal glucose tolerance (hyperglycemia and hypoglycemia) and, in pregnancy (Abell et al.), 388
- in pregnancy. IV. Normal concentrations, diurnal and /or episodic variations, and day-to-day changes of unconjugated and total estriol in late pregnancy plasma (Katagiri et al.), 272
- Estrogens, total unconjugated, in maternal peripheral vein, cord vein, and cord artery serum at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234
- Estrone, association of, with development of endometrial carcinoma (Ziel and Finkle), 735
- Ethyl alcohol administered to pregnant mice, teratogenic effects of (Kronick), 676
- Excretion, estriol, association between abnormal glucose tolerance (hyperglycemia and hypoglycemia) and, in pregnancy (Abell et al.), 388
- rhythmic urinary metal, effect of oral contraceptives on (Weinmann et al.), 719

10

- $F_{2\alpha}$, 15(S)-15-methyl-prostaglandin, luteolytic and abortifacient effects of serial intramuscular injections of, in early pregnancy (Lauersen and Wilson), 425 (Current investigation)
 - methyl ester, outpatient postconceptional fertility control with vaginally administered (Bygdeman et al.), 495
 - termination of midtrimester pregnancy by serial intramuscular injections of (Lauersen and Wilson), 169
 - prostaglandin, and its analogue ICI 81008, progesterone and, effects of, on excitability and threshold of uterus (Csapo), 367
- Fallopian tube, human and rabbit, inhibition of spontaneous contractility of, by potassium (Johns, Molnar, and Paton), 506
 - and uterus, human, catecholamine content of, and plasma levels of estradiol and progesterone, correlation between (Dujovne et al.), 229
- Fasting and theophylline, effects of, on alanine-stimulated glucagon secretion in neonatal and infant sheep (Fiser et al.), 421
- FDA obstetrics-gynecology device classification report (Thompson et al.), 557 (Clinical opinion)
- Fertility control, outpatient postconceptional, with vaginally administered 15(S)15-methyl-PGF_{2α}-methyl ester (Bygdeman et al.), 493
- Fetal anomalies, central nervous system damage, and maternal endotoxemia: Rat model of human problem (Ornoy and Altshuler), 196
- blood sampling in midtrimester pregnancies (Golbus, Kan, and Naglich-Craig), 653 (Current investigation)
- brain function, effect of methadone on (Mann et al.), 699
- head, hyperextended, management of (Daw), 113 (Clinical opinion) lamb(s), cardiac output in: Effects of spontaneous and induced changes of heart rate on right and left ventricular output (Rudolph and Heymann), 183
 - hyperfibrinogenemia and polycythemia with intrauterine growth retardation in (Pickart, Creasy, and Thaler), 268
- lung maturation, comparison of two glucocorticoid regimens for acceleration of, in premature labor (Whitt et al.), 479 membrane dynamics (Scoggin), 825
- monitoring, internal, slowing of active labor associated with (Sokol, Zador, and Rosen), 764 (Current investigation)
- intrapartum, unusual complication of (Akhter), 657 (Comm. in brief)
- rabbit, inhibition of pulmonary maturation in, by maternal treatment with phenobarbital (Karotkin et al.), 529 (Current investigation)
- syphilis in first trimester (Harter and Benirschke), 705
- weight in utero, simple geometric method for determining, with compound gray scale ultrasonic scan (Picker and Saunders), 493
- Fetoprotein, alpha- (Lau and Linkins), 533 (Current developments) Fibrin monomer complexes, soluble, amount and distribution pattern of, during early puerperium (Graeff et al.), 21
- Fibrinolysis, abnormal coagulation and, in eclampsia (López-Llera et al.), 681
- Fistula, peritoneal-cutaneous, secondary to perforated Dalkon shield (Slaughter and Morris), 206 (Comm. in brief)
 - ureterovaginal, as complication of radical pelvic surgery (Macasaet, Lu, and Nelson), 757

- Fluid, amniotic, and cord blood, cortisol in, in relation to prenatal betamethasone load and delivery (Gennser, Ohrlander, and Eneroth), 43
- cells, amniotic, nuclear chromatin determination in, for prenatal sex prediction in macaque (Herbst, Taft, and Robboy), 76 (Current investigation)
- osmolality, amniotic, in pregnancies complicated by diabetes (Bailey et al.), 257
- Follicle-stimulating hormone (FSH), LH, androstenedione, and testosterone, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosteronebinding capacity in hirsuie women (Givens et al.), 333
- Forceps, bipolar sterilizing, and uterine manipulator: Two new laparoscopic instruments (Corson), 434 (Comm. in brief)
- Fractional postcoital test, interpretation and significance of (Tredway), 352
- Frontier Nursing Service: Primary care nurse in community hospital (Browne and Isaacs), 14
- FSH, LH, androstenedione, and testosterone, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333

G

- Gas changes, blood, ventilatory and, during laparoscopy with local anesthesia (Brown et al.), 741
- Gentamicin, clindamycin and, placental transfer of, in term pregnancy (Weinstein, Gibbs, and Gallagher), 688
- Geometric method, simple, for determining fetal weight in utero with compound gray scale ultrasonic scan (Picker and Saunders), 493
- Gestation, maternal bleeding during, and congenital anomalies in offspring, association between (Ornoy et al.), 474
- serum levels of placental protein during, in baboon (Stevens, Bohn, and Powell), 51
- Globulin, beta-1-C, immunoglobulins and, in hydatidiform mole vesicles (Márquez-Monter et al.), 406
- Glucagon secretion, alanine-stimulated, effects of fasting and theophylline on, in neonatal and infant sheep (Fiser et al.), 421
- Glucocorticoid regimens, two, for acceleration of fetal lung maturation in premature labor, comparison of (Whitt et al.), 479
- Glucose tolerance (hyperglycemia and hypoglycemia), abnormal, and estriol excretion, association between, in pregnancy (Abell et al.), 388
- Gonadal dysgenesis, pure, with XY chromosomal constitution (Swyer's syndrome): Report of two cases (Bruneteau et al.), 55
 - in two siblings (Fleishman, Berlin, and Dana), 308 (Comm. in brief)
- tumors, age of occurrence of, in intersex patients with Y chromosome (Manuel, Katayama, and Jones), 293
- Gonadotropic secretion, neurohormonal control of, in primates (Vande Wiele), 832
- Gonadotropin radioimmunoassays with use of 48 hour and six-day incubation methods, comparison between (Kosasa et al.), 116
- -releasing hormone radioimmunoassay and its measurement in normal human plasma, secondary amenorrhea, and post-
- menopausal syndrome (Rosenblum and Schlaff), 340 Gravid women, normal and hypertensive, and their newborn infants, erythrocyte 2,3-diphosphoglycerate in (Weiss et al.), 692
- Gray scale echography, placental aging monitored by (Fisher, Garrett, and Kossoff), 483
 - ultrasonic scan, compound, simple geometric method for determining fetal weight in utero with (Picker and Saunders), 493
- Growth retardation, intrauterine, diagnostic ultrasound for detection of (Queenan et al.), 865
 - hyperfibrinogenemia and polycythemia with, in fetal lambs (Pickart, Creasy, and Thaler), 268
- Gynecologic cancer(s), immunotherapy and chemotherapy of (Pattillo), 808
 - programmed chemotherapy for, cell kinetics and. I. Squamouscell carcinoma (Averette et al.), 912
 - patient, primary adenocarcinoma of vermiform appendix in (Fichera et al.), 663 (Comm. in brief)

- Gynecology device classification report, FDA obstetrics- (Thompson et al.) 557 (Clinical opinion)
 - al.), 557 (Clinical opinion)
 obstetrics and, department of, improvement of faculty teaching
 performance in, by student evaluation (Sall et al.), 217

H

- Head, hyperextended fetal, management of (Daw), 113 (Clinical opinion)
- Heart rate, effects of spontaneous and induced changes of, on right and left ventricular output: Cardiac output in fetal lamb (Rudolph and Heymann), 183
- Hemorrhage, ovarian, complicating warfarin sodium anticoagulant therapy (Matseoane, Batts, and Mandeville), 766 (Current investigation)
- Heroin-addicted pregnant women, methadone-managed and, and their newborn infants, cytogenetics of (Amarose and Norusis), 635
- Hirsute women, effectiveness of two oral contraceptives in suppressing plasma androstenedione, testosterone, LH, and FSH, and in stimulating plasma testosterone-binding capacity in (Givens et al.), 333
- Histochemistry, transmission electron microscopy and, II. Studies on cytodynamics of human endometrial regeneration (Ferenczy), 582
- Histogenetic considerations and ultrastructural findings, report of five cases with: Epidermoid cysts of ovary (Nogales and Silverberg), 523
- Histologic characteristics of cells cultured from rat placental tissue (Ferguson and Palm), 415
- Histopathologic findings, early: Maternal midtrimester sepsis in association with intrauterine contraceptive device (Biggerstaff et al.), 207 (Comm. in brief)
- Hormonal studies in pregnancy. I. Total unconjugated estrogens in maternal peripheral vein, cord vein, and cord artery serum at delivery (Sarda and Gorwill), 234
- Hormone (LH), luteinizing, FSH, androstenedione, and testosterone, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333
 - capacity in nirsute women (Givens et al.), 353

 -releasing hormone (LH-RH) stimulation in women, plasma levels
 of norepinephrine (NE) during periovulatory period and
 after (Rosner et al.), 567
 - -releasing hormone (LRH), pituitary responses to, in postpartum periods (Friedman et al.), 75
- radioimmunoassay, gonadotropin-releasing, and its measurement in normal human plasma, secondary amenorrhea, and postmenopausal syndrome (Rosenblum and Schlaff), 340
- Hospital, community, primary care nurse in: Frontier Nursing Service (Browne and Isaacs). 14
- Hydatidiform mole vesicles, immunoglobulins and beta-1-C globulin in (Márquez-Monter et al.), 406
- Hyperextended fetal head, management of (Daw), 113 (Clinical opinion)
- Hyperfibrinogenemia and polycythemia with intrauterine growth retardation in fetal lambs (Pickart, Creasy, and Thaler), 268
- Hyperglycemia and hypoglycemia (abnormal glucose tolerance) and estriol excretion, association between, in pregnancy (Abell et al.), 388
- Hyperosmolar urea administered by intra-amniotic, intravenous, and intraperitoneal routes, comparative effects of, in rhesus monkeys (Blake et al.), 239
 - intra-amniotically administered, pharmacokinetics of, in rhesus monkeys (Blake et al.), 245
- Hypertension, hypotension, and naturesis, induced, acute effects of, in normal and hypertensive pregnancies, IV. Metabolic clearance rate of dehydroisoandrosterone sulfate (Gant et al.), 143
- Hypertensive gravid women, normal and, and their newborn infants, erythrocyte 2.3-diphosphoglycerate in (Weiss et al.), 692
- erythrocyte 2,3-diphosphoglycerate in (Weiss et al.), 692 pregnancies, normal and, acute effects of induced hypertension, hypotension, and naturesis in, IV. The metabolic clearance rate of dehydroisoandrosterone sulfate (Gant et al.), 143
- Hypoglycemia and hyperglycemia (abnormal glucose tolerance) and estriol excretion, association between, in pregnancy (Abell et al.), 388

- Hypotension, naturesis, and hypertension, induced, acute effects of, in normal and hypertensive pregnancies, IV. Metabolic clearance rate of dehydroisoandrosterone sulfate (Gant et al.), 143
- Hysterectomy, elective cesarean: 5 year comparison with cesarean section (Barclay et al.), 900
- Hysterosalpingography, radiation exposure of ovaries during (Sheikh and Yussman), 307
- Hysteroscopy, carbon dioxide (Bartsich and Dillon), 746 Diagnosis and treatment (Lindemann and Mohr), 129

- ICI 81008, progesterone, prostaglandin $F_{2\alpha}$ and its analogue, effects of, on excitability and threshold of uterus (Csapo), 367
- Immunization program, rubella, unresolved issues in first five years of (Siegel), 327 (Clinical opinion)
- Immunoglobulins and beta-1-C globulin in hydatidiform mole vesicles (Márquez-Monter et al.), 406
- Immunosuppression, prophytactic Rh, effectiveness of, after transfusion with D-positive blood (Bowman), 80
- Immunotherapy and chemotherapy of gynecologic cancers (Pattillo), 808
- Implantation, effects on, cyclic adenosine monophosphate-induced changes in surface morphology of diapausing blastocysts and (Holmes and Bergström), 301
- Incompetent cervix, placenta previa in association with (Ringrose), 659 (Comm. in brief)
- Incubation methods, 48 hour and six-day, comparison between gonadotropin radioimmunoassays with use of (Kosasa et al.), 116
- Indomethacin induces rat uterine contractions in vitro and alters reactivity to calcium and acetylcholine (Hargrove et al.), 25
- Induced changes, cyclic adenosine monophosphate-, in surface morphology of diapausing blastocysts and effects on implantation (Holmes and Bergström), 301
 - spontaneous and, of heart rate, effects of, on right and left ventricular output: Cardiac output in fetal lamb (Rudolph and Heymann), 183
- hypertension, hypotension, and naturesis, acute effects of, in normal and hypertensive pregnancies, IV. Metabolic clearance rate
- of dehydroisoandrosterone sulfate (Gant et al.), 143 midtrimester abortion, influence of aspirin on course of (Niebyl et al.), 607
- Infant(s), high-risk premature, rapid infusion of sodium bicarbonate and albumin into, soon after birth: Controlled, prospective trial (Bland, Clarke, and Harden), 263
- scalp, development of special electrode for continuous subcutaneous
- pH measurement in (Stamm et al.), 183 sheep, neonatal and, effects of fasting and theophylline on alanine-stimulated glucagon secretion in (Fiser et al.), 421
- their newborn, cytogenetics of methadone-managed and heroinaddicted pregnant women and (Amarose and Norusis), 635 normal and hypertensive gravid women and, erythrocyte 2,3-diphosphoglycerate in (Weiss et al.), 692
- Infection, puerperal, in antibiotic era (Gibbs and Weinstein), 769 (Current developments)
- second-trimester spontaneous abortion, IUD, and (Eisinger), 393 Infertile women with ovarian dysfunction, clomiphene citrate on
- serum prolactin in (Seki et al.), 125 Infertility following wedge resection of ovaries (Toaff, Toaff, and Peyser), 92
- Infusion, rapid, of sodium bicarbonate and albumin into high-risk premature infants soon after birth: Controlled, prospective
- trial (Bland, Clarke, and Harden), 263 Injections, serial intramuscular, of 15(S)-15-methyl-prostaglandin F_{2α}, luteolytic and abortifacient effects of, in early pregnancy (Lauersen and Wilson), 425 (Current investigation)
 - termination of midtrimester pregnancy by (Lauersen and Wilson), 169
- Instruments, two new laparoscopic: Bipolar sterilizing forceps and uterine manipulator (Corson), 434 (Comm. in brief)
- Internal fetal monitoring, slowing of active labor associated with (Sokol, Zador, and Rosen), 764 (Current investigation)
- Intersex patients with Y chromosome, age of occurrence of gonadal tumors in (Manuel, Katayama, and Jones), 293
- Intra-amniotic, intravenous, and intraperitoneal routes, comparative effects of hyperosmolar urea administered by, in rhesus monkeys (Blake et al.), 239

- Intra-amniotically administered hyperosmolar urea, pharmacokinetics of, in rhesus monkeys (Blake et al.), 245
- Intramuscular injections, serial, of 15(S)-15-methyl-prostaglandin $F_{\alpha\alpha}$, luteolytic and abortifacient effects of, in early pregnancy (Lauersen and Wilson), 425 (Current investigation)
 - termination of midtrimester pregnancy by (Lauersen and Wilson), 169
- Intrapartum fetal monitoring, unusual complication of (Akhter), 657 (Comm. in brief)
- Intraperitoneal, intra-amniotic, and intravenous routes, comparative effects of hyperosmolar urea administered by, in rhesus monkeys (Blake et al.), 239
- Intrauterine contraceptive device (IUD), infection, and secondtrimester spontaneous abortion (Eisinger), 393
 - investigation of effects of, based on longitudinal study of self-selected sample of Barbadian women (Barron, Weinstein, and Richart), 723
 - maternal midtrimester sepsis in association with: Early histopathologic findings (Biggerstaff et al.), 207 (Comm. in
 - brief) new long-acting copper: Copper T 220C (Cooper, Millen, and Mishell), 121
 - growth retardation, diagnostic ultrasound for detection of (Queenan et al.), 865
 - hyperfibrinogenemia and polycythemia with, in fetal lambs (Pickart, Creasy, and Thaler), 268
- Intravascular coagulation in obstetrics: Serial dilution protamine sulfate test throughout labor (Arocha Piñango et al.), 18
- Intravenous, intraperitoneal, and intra-amniotic routes, comparative effects of hyperosmolar urea administered by, in rhesus monkeys (Blake et al.), 239
- Isoimmune neonatal thrombocytopenia, management of (Sitarz, Driscoll, and Wolff), 39
- Items, 111-112, 324-326, 555-556, 788-804
- IUD, infection, and second-trimester spontaneous abortion (Eisinger), 393

Kinetics, cell, and programmed chemotherapy for gynecologic cancer. I. Squamous-cell carcinoma (Averette et al.), 912

- Labor, active, slowing of, associated with internal fetal monitoring (Sokol, Zador, and Rosen), 764 (Current investigation)
- premature, comparison of two glucocorticoid regimens for acceler-
- ation of fetal lung maturation in (Whitt et al.), 479 serial dilution protamine sulfate test throughout: Intravascular coagulation in obstetrics (Arocha Piñango et al.), 18
- Lactogen, human placental, purification of naturally occurring antibody to, by affinity chromatography (lannuzzi, Gusdon, and Herbst), 489
- Laparoscopic instruments, two new: Bipolar sterilizing forceps and uterine manipulator (Corson), 434 (Comm. in brief)
- tubal sterilization, culdoscopic and, comparison of (Koetsawang et al.), 601
- Laparoscopy with local anesthesia, ventilatory and blood gas changes during (Brown et al.), 741
- Le Fort operation, ovarian malignancy subsequent to (Sudo, Goldberg, and Sall), 210 (Comm. in brief)
- Learning, goal of-to be enlightened (Hunter), 805
- LH, FSH, androstenedione, and testosterone, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333
- -RH stimulation in women, plasma levels of norepinephrine (NE) during periovulatory period and after (Rosner et al.), 567
- Ligation, incidental tubal, at time of cholecystectomy, new technique for (Richards), 658 (Comm. in brief)
- Local anesthesia, ventilatory and blood gas changes during laparoscopy with (Brown et al.), 741
- anesthetic agents, effects of, on uterine vasculatures and myometrium (Greiss, Still, and Anderson), 889
- LRH, pituitary responses to, in postpartum periods (Friedman et al.),
- Lung maturation, fetal, comparison of two glucocorticoid regimens for acceleration of, in premature labor (Whitt et al.), 479

- Luteinizing hormone (LH), FSH, androstenedione, and testosterone, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333
 - -releasing hormone (LH-RH) stimulation in women, plasma levels of norepinephrine (NE) during periovulatory period and after (Rosner et al.), 567

(LRH), pituitary responses to, in postpartum periods (Friedman et al.), 75

Luteolytic and abortifacient effects of serial intramuscular injections of 15(S)-15-methyl-prostaglandin F_{2α} in early pregnancy (Lauersen and Wilson), 425 (Current investigation)

M

Malignancy, ovarian, subsequent to Le Fort operation (Sudo, Goldberg, and Sall), 210 (Comm. in brief)

Mammography, developments in (Wolfe), 312 (Current developments)

Maternal bleeding during gestation and congenital anomalies in offspring, association between (Ornov et al.), 474 disseminated coccidioidomycosis, fatal, in nonendemic area (Van-

Bergen, Fleury, and Cheatle), 661 (Comm. in brief) endotoxemia, fetal anomalies, and central nervous system damage

Rat model of human problem (Ornoy and Altshuler), 196 midtrimester sepsis in association with intrauterine contraceptive device: Early histopathologic findings (Biggerstaff et al.), 207 (Comm. in brief)

mortality rates in eclampsia (López-Llera, Rubio Linares, and Hernández-Horta), 149

peripheral vein, cord vein, and cord artery serum, total unconjugated estrogens in, at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234

plasma, effect of ampicillin administration on estradiol, estriol, and cortisol levels in, and on estriol levels in urine (Sybulski and Maughan), 379

tissues, trophoblast and, interactions of, in three closely related primate species (Ramsey, Houston, and Harris), 647

treatment with phenobarbital, inhibition of pulmonary maturation in fetal rabbit by (Karotkin et al.), 529 (Current investigation)

undernutrition, placental morphometric and morphologic alterations in (Murthy, Agarwal, and Khanna), 641

venous and umbilical cord arterial and venous serum, cortisol levels in, at vaginal delivery (Leong and Pearson Murphy), 471

Maturation, fetal lung, comparison of two glucocorticoid regimens for acceleration of, in premature labor (Whitt et al.), 479 pulmonary, in fetal rabbit, inhibition of, by maternal treatment with

phenobarbital (Karotkin et al.), 529 (Current investigation) amelanotic, metastatic to placenta (Sokol et al.), 431 Melanoma, (Comm. in brief)

Melanosis, benign, of vagina and cervix (Tsukada), 211 (Comm. in brief)

Membrane(s) dynamics, fetal (Scoggin), 825

premature rupture of, and respiratory distress syndrome, relationship between (Berkowitz, Bonta, and Warshaw), 712

Metabolic clearance rate of dehydroisoandrosterone sulfate. IV. Acute effects of induced hypertension, hypotension, and naturesis in normal and hypertensive pregnancies (Gant et al.), 143

Metabolism, testosterone, in endometrial cancer (Calanog et al.), 60 Metal excretion, rhythmic urinary, effect of oral contraceptives on (Weinmann et al.), 719

Metastatic to placenta, amelanotic melanoma (Sokol et al.), 431 (Comm. in brief)

Methadone, effect of, on fetal brain function (Mann et al.), 699 -managed and heroin-addicted pregnant women and their newborn infants, cytogenetics of (Amarose and Norusis), 635

Methyl-prostaglandin F_{2α}, 15(S)-15-, luteolytic and abortifacient effects of serial intramuscular injections of, in early pregnancy (Lauersen and Wilson), 425 (Current investigamethyl ester, vaginally administered outpatient postconcep

tional fertility control with (Bygdeman et al.), 493 termination of midtrimester pregnancy by serial intramuscu-lar injections of (Lauersen and Wilson), 169

Microscopy, scanning electron, I. Studies on cytodynamics of human endometrial regeneration (Ferenczy), 64

Microscopy-Cont'd

brief)

transmission electron, and histochemistry, II. Studies on cytodynamics of human endometrial regeneration (Ferenczy), 582

Midtrimester abortion, induced, influence of aspirin on course of (Niebyl et al.), 607

pregnancy (pregnancies), fetal blood sampling in (Golbus, Kan, and Naglich-Craig), 653 (Current investigation)

termination of, by serial intramuscular injections of 15(S)-15methyl-prostaglandin F_{3α} (Lauersen and Wilson), 169 sepsis, maternal, in association with intrauterine contraceptive device: Early histopathologic findings (Biggerstaff et al.),

207 (Comm. in brief) Midwives, certified nurse-, effectiveness of (Slome et al.), 177

Mole vesicles, hydatidiform, immunoglobulins and beta-1-C globulin in (Márquez-Monter et al.), 406

Monitored by gray scale echography, placental aging (Fisher, Garrett, and Kossoff), 483

Monitoring, internal fetal, slowing of active labor associated with (Sokol, Zador, and Rosen), 764 (Current investigation) intrapartum fetal, unusual complication of (Akhter), 657 (Comm. in

Monomer complexes, soluble fibrin, amount and distribution pattern of, during early puerperium (Graeff et al.), 21

Monophosphate-induced changes, cyclic adenosine, in surface morphology of diapausing blastocysts and effects on implantation (Holmes and Bergström), 301

Morphologic alterations, placental morphometric and, in maternal undernutrition (Murthy, Agarwal, and Khanna), 641

Morphology, surface, of diapausing blastocysts, cyclic adenosine monophosphate-induced changes in, and effects on implantation (Holmes and Bergström), 301

Morphometric and morphologic alterations, placental, in maternal undernutrition (Murthy, Agarwal, and Khanna), 641

Mortality rates, maternal, in eclampsia (López-Llera, Rubio Linares, and Hernández Horta), 149

Myometrium, uterine vasculatures and, effects of local anesthetic agents on (Greiss, Still, and Anderson), 889

Naturesis, hypertension, and hypotension, induced, acute effects of, in normal and hypertensive pregnancies, IV. Metabolic clearance rate of dehydroisoandrosterone sulfate (Gant et al.),

NE (norepinephrine), plasma levels of, during periovulatory period and after LH-RH stimulation in women (Rosner et al.), 567

Neonatal and infant sheep, effects of fasting and theophylline on alanine-stimulated glucagon secretion in (Fiser et al.), 421 thrombocytopenia, isoimmune, management of (Sitarz, Driscoll, and Wolff), 39

Neonate, chlordiazepoxide withdrawal in (Athinarayanan et al.), 212 (Comm. in brief)

Nervous system damage, central, maternal endotoxemia, and fetal anomalies: Rat model of human problem (Ornoy and Altshuler), 196

Neurohormonal control of gonadotropic secretion in primates (Vande Wiele), 832

Newborn infants, their, cytogenetics of methadone-managed and heroine-addicted pregnant women and (Amarose and Norusis), 635

2,3-diphosphoglycerate in (Weiss et al.), 692

Norepinephrine (NE), plasma levels of, during periovulatory period and after LH-RH stimulation in women (Rosner et al.), 567 vanillylmandelic acid, and epinephrine, free, changes in evolution of, in urine of rabbits during late pregnancy and parturi-

tion (Parvez and Parvez), 222 Nuclear chromatin determination in amniotic fluid cells for prenatal sex prediction in macaque (Herbst, Taft, and Robboy), 761 (Current investigation)

Nurse-midwives, certified, effectiveness of (Slome et al.), 177

primary care, in community hospital: Frontier Nursing Service (Browne and Isaacs), 14

Nursing Service, Frontier: Primary care nurse in community hospital (Browne and Isaacs), 14

O

Obstetrician's role in reducing risk of aspiration pneumonitis (Roberts and Shirley), 611

Obstetrics and gynecology, department of, improvement of faculty teaching performance in, by student evaluation (Sall et al.), 917

device classification report, FDA (Thompson et al.), 557 (Clinical opinion)

intravascular coagulation in: Serial dilution protamine sulfate test throughout labor (Arocha Piñango et al.), 18

Offspring, congenital anomalies in, association between maternal bleeding during gestation and (Ornoy et al.), 474

Operation, Le Fort, ovarian malignancy subsequent to (Sudo, Goldberg, and Sall), 210 (Comm. in brief)

Oral contraceptives, effect of, on rhythmic urinary metal excretion (Weinmann et al.), 719

quantitative study of pregnancy zone protein in sera of women taking (Damber et al.), 289

two, effectiveness of, in suppressing plasma androstenedione, testosterone, LH, and FSH, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333

Osmolality, amniotic fluid, in pregnancies complicated by diabetes (Bailey et al), 257

Outpatient postconceptional fertility control with vaginally administered 15(S)15-methyl-PGF $_{3\alpha}$ -methyl ester (Bygdeman et al.), 493

Ovarian dysfunction, clomiphene citrate on serum prolactin in infertile women with (Seki et al.), 125

hemorrhage complicating warfarin sodium anticoagulant therapy (Matseoane, Batts, and Mandeville), 766 (Current investigation)

malignancy subsequent to Le Fort operation (Sudo, Goldberg, and Sall), 210 (Comm. in brief)

temperature, periovulatory changes in, in ewes (Benoit et al.), 356 Ovary (ovaries), adult hamster, in vitro ovulation from (Baranczuk and Fainstat), 517

epidermoid cysts of: Report of five cases with histogenetic considerations and ultrastructural findings (Nogales and Silverberg), 523

infertility following wedge resection of (Toaff, Toaff, and Peyser), 92

radiation exposure of, during hysterosalpingography (Sheikh and Yussman), 307

syndrome, polycystic, endometrial adenocarcinoma and (Wood and Boronow), 140

Oviducts of individual rabbits, rate of transport of radioactive ovum models through (Pauerstein and Hodgson), 840

Ovulation, in vitro, from adult hamster ovary (Baranczuk and Fainstat), 517

Ovum models, radioactive, rate of transport of, through oviducts of individual rabbits (Pauerstein and Hodgson), 840

P

Papanicolaou screening, mass, and cytologic observations of teen-age girls, experience in (Fields, Restivo, and Brown), 730

smears, incidence of cervical cancer in perimenopausal and postmenopausal women detected by (Neighbor and Newman), 348

Paramarriage, adolescent sexuality and (Montgomery), 818

Parturient women colonized with group B streptococci, antibiotic treatment of (Hall et al.), 630

Parturition, late pregnancy and, changes in evolution of free epinephrine, norepinephrine, and vanillylmandelic acid in urine of rabbits during (Parvez and Parvez), 222

Pathogenesis, their frequency and: Coagulation changes in eclampsia (Pritchard, Cunningham, and Mason), 855

Pelvic cancer surgery, vascular injuries in (Bergan, Dean, and Yao), 562

surgery, radical, ureterovaginal fiscula as complication of (Macasaet, Lu, and Nelson), 757

Perforated Dalkon shield, peritoneal-cutaneous fistula secondary to (Slaughter and Morris), 206 (Comm. in brief)

Perimenopausal and postmenopausal women, incidence of cervical cancer in, detected by Papanicolaou smears (Neighbor and Newman), 348

Periovulatory changes in ovarian temperature in ewes (Benoit et al.), 356

period, plasma levels of norepinephrine (NE) during, and after LH-RH stimulation in women (Rosner et al.), 567

Peripheral vein, maternal, cord vein, and cord artery serum, total unconjugated estrogens in, at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234

Peritoneal-cutaneous fistula secondary to perforated Dalkon shield (Slaughter and Morris), 206 (Comm. in brief)

PGF_{2α}-methyl ester, 15 (S)15-methyl-, vaginally administered, outpatient postconceptional fertility control with (Bygdeman et al.), 493

pH measurement, continuous subcutaneous, in infant scalp, development of special electrode for (Stamm et al.), 183

Pharmacokinetics of intra-amniotically administered hyperosmolar urea in rhesus monkeys (Blake et al.), 245

Phenobarbital, inhibition of pulmonary maturation in fetal rabbit by maternal treatment with (Karotkin et al.), 529 (Current investigation)

Pituitary responses to LRH in postpartum periods (Friedman et al.), 75 Placenta, amelanotic melanoma metastatic to (Sokol et al.), 431 (Comm. in brief)

previa in association with incompetent cervix (Ringrose), 659
(Comm. in brief)

Placental aging monitored by gray scale echography (Fisher, Garrett, and Kossoff), 483

lactogen, human, purification of naturally occurring antibody to, by affinity chromatography (Iannuzzi, Gusdon, and Herbst), 489

morphometric and morphologic alterations in maternal undernutrition (Murthy, Agarwal, and Khanna), 641

protein, serum levels of, during gestation in baboon (Stevens, Bohn, and Powell), 51

ratio in white and black women: Relation to smoking and anemia (Wingerd et al.), 671

sulfatase deficiency, diagnosis of (Tabei and Heinrichs), 409 tissue, rat, histologic characteristics of cells cultured from (Ferguson

and Palm), 415 transfer of clindamycin and gentamicin in term pregnancy (Weinstein, Gibbs, and Gallagher), 688

Plasma androstenedione, testosterone, LH, and FSH, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333

levels of estradiol and progesterone, correlation between catecholamine content of human Fallopian tube and uterus and (Dujovne et al.), 229

of norepinephrine (NE) during periovulatory period and after LH-RH stimulation in women (Rosner et al.), 567

maternal, effect of ampicillin administration on estradiol, estriol, and cortisol levels in, and on estriol levels in urine (Sybulski and Maughan), 379

normal human, secondary amenorrhea, and postmenopausal syndrome, gonadotropin-releasing hormone radioimmunoassay and its measurement in (Rosenblum and Schlaff), 340

pregnancy, normal concentrations, diurnal and/or episodic variations, and day-to-day changes of unconjugated and total estriol in, IV. Estriol in pregnancy (Katagiri et al.), 272

proteins, human pregnancy-associated, during postpartum period (Lin et al.), 382

Pneumonitis, aspiration, obstetrician's role in reducing risk of (Roberts and Shirley), 611

Polycystic ovary syndrome, endometrial adenocarcinoma (Wood and Boronow), 140
Polycythemia, hyperfibrinogenemia and, with intrauterine growth

retardation in fetal lambs (Pickart, Creasy, and Thaler), 268 Postcoital test, fractional, interpretation and significance of (Tredway), 352

Postconceptional fertility control, outpatient, with vaginally administered 15(S)15-methyl-PGF_{2α}-methyl ester (Bygdeman et al.), 493

Postmenopausal syndrome, normal human plasma, and secondary amenorrhea, gonadotropin-releasing hormone radioimmunoassay and its measurement in (Rosenblum and Schlaff), 340

women, perimenopausal and, incidence of cervical cancer in, detected by Papanicolaou smears (Neighbor and Newman), 348

- Postpartum period(s), human pregnancy-associated plasma proteins during (Lin et al.), 382
- pituitary responses to LRH in (Friedman et al.), 75
- Potassium, inhibition of spontaneous contractility of human and rabbit Fallopian tube by (Johns, Molnar, and Paton, 506
- Preclinical carcinoma of cervix uteri, cytology and colposcopy in diagnosis and management of: Learning experience (Tovell, Banogan, and Nash), 924
- Pregnancy (pregnancies), association between abnormal glucose tolerance (hyperglycemia and hypoglycemia) and estriol excretion in (Abell et al.), 388
- -associated plasma proteins, human, during postpartum period (Lin et al.). 382
- with bilateral ruptured benign cystic teratomas (Mehra et al.), 361 complicated by diabetes, amniotic fluid osmolality in (Bailey et al.), 957
- early, luteolytic and abortifacient effects of serial intramuscular injections of 15(S)-15-methyl-prostaglandin $F_{a\alpha}$ in (Lauersen and Wilson), 425 (Current investigation)
- estriol in. IV. Normal concentrations, diurnal and/or episodic variations, and day-to-day changes of unconjugated and total estriol in late pregnancy plasma (Katagiri et al.), 979
- following 29 cycles of clomiphene citrate therapy: Case report (March, Israel, and Mishell), 309 (Comm. in brief)
- hormonal studies in. I. Total unconjugated estrogens in maternal peripheral vein, cord vein, and cord artery serum at delivery (Sarda and Gorwill), 234
- late, and parturition, changes in evolution of free epinephrine, norepinephrine, and vanillylmandelic acid in urine of rabbits during (Parvez and Parvez), 222
- midtrimester, fetal blood sampling in (Golbus, Kan, and Naglich-Craig), 653 (Current investigation)
- termination of, by serial intramuscular injections of 15(S)-15-methyl-prostaglandin $F_{2\alpha}$ (Lauersen and Wilson), 169
- normal and anencephalic, significance of urinary free cortisol and progesterone in (Chattoraj et al.), 848
- and hypertensive, acute effects of induced hypertension, hypotension, and naturesis in, IV. The metabolic clearance rate of dehydroisoandrosterone sulfate (Gant et al.), 143
- self-limited acute defibrination in: Case report (Kates and Schifrin), 432 (Comm. in brief)
- term, placental transfer of clindamycin and gentamicin in (Weinstein, Gibbs, and Gallagher), 688
- termination of, with double prostaglandin impact (Csapo et al.), 1 third trimester of, double-blind investigation into the effects of ritodrine on uterine blood flow during (Brettes, Renaud, and Gandar), 164
- unusual twin, in double uterus (Zervoudakis, Lauersen, and Saary), 659 (Comm. in brief)
- zone protein, quantitative study of, in sera of women taking oral contraceptives (Damber et al.), 289
- Pregnant ewe(s), effect(s) of epinephrine on distribution of blood flow in (Rosenfeld, Barton, and Meschia), 156
 - of estradiol-17β on blood flow to reproductive and nonreproductive tissues in (Rosenfeld et al.), 618
 - mice, teratogenic effects of ethyl alcohol administered to (Kronick), 676
- rabbit, production of experimental toxemia in (Abitbol et al.), 460 women, methadone-managed and heroin-addicted, and their new-
- born infants, cytogenetics of (Amarose and Norusis), 635
 Premature infants, high-risk, rapid infusion of sodium bicarbonate
 and albumin into, soon after birth: Controlled, prospective
- trial (Bland, Clarke, and Harden), 263 labor, comparison of two glucocorticoid regimens for acceleration of fetal lung maturation in (Whitt et al.), 479
- rupture of membranes and respiratory distress syndrome, relationship between (Berkowitz, Bonta, and Warshaw), 712
- Prenatal betamethasone load and delivery, cortisol in amniotic fluid and cord blood in relation to (Gennser, Ohrlander, and Eneroth), 43
- sex prediction, nuclear chromatin determination in amniotic fluid cells for, in macaque (Herbst, Taft, and Robboy), 761 (Current investigation)
- Previa, placenta, in association with incompetent cervix (Ringrose), 659 (Comm. in brief)
- Primiparous patients, 100, quantitation of uterine activity in (Miller et al.), 398

- Progesterone, estradiol and, plasma levels of, correlation between catecholamine content of human Fallopian tube and uterus and (Dujovne et al.), 229
- prostaglandin F_{2α} and its analogue ICI 81008, effects of, on excitability and threshold of uterus (Csapo), 367
- urinary free cortisol and, significance of, in normal and anencephalic pregnancy (Chattoraj et al.), 848
- Prolactin concentrations, serum, in women treated with chlormadinone acetate (Beck and Malarkey), 578
- serum, clomiphene citrate on, in infertile women with ovarian dysfunction (Seki et al.), 125
- Prostaglandin $F_{2\alpha}$ and its analogue ICI 81008, progesterone and, effects of, on excitability and threshold of uterus (Csapo), 367
 - 15(S)-15-methyl-, luteolytic and abortifacient effects of serial intramuscular injections of, in early pregnancy (Lauersen and Wilson), 425 (Current investigation)
 - -methyl ester, vaginally administered, outpatient postconceptional fertility control with (Bygdeman et al.), 493
 - termination of midtrimester pregnancy by serial intramuscular injections of (Lauersen and Wilson), 169
- impact, double, termination of pregnancy with (Csapo et al.), 1 Protamine sulfate test, serial dilution, throughout labor: Intravascular coagulation in obstetrics (Arocha Piñango et al.), 18
- Protein(s), human pregnancy-associated plasma during postpartum period (Lin et al.), 382
 - placental, serum levels of, during gestation in baboon (Stevens, Bohn, and Powell), 51
 - pregnancy zone, quantitative study of, in sera of women taking oral contraceptives (Damber et al.), 289
- Psychometric testing as basis for counseling patients choosing method of contraception (Brooks and Butcalis), 85
- Puerperal infection in antibiotic era (Gibbs and Weinstein), 769 (Current developments)
- Puerperium, early, amount and distribution pattern of soluble fibrin monomer complexes during (Graeff et al.), 21
- Pulmonary maturation in fetal rabbit, inhibition of, by maternal treatment with phenobarbital (Karotkin et al.), 529 (Current investigation)
- Purification of naturally occurring antibody to human placental lactogen by affinity chromatography (Iannuzzi, Gusdon, and Herbst), 489

R

- Radiation exposure of ovaries during hysterosalpingography (Sheikh and Yussman), 307
- Radioactive ovum models, rate of transport of, through oviducts of individual rabbits (Pauerstein and Hodgson), 840
- Individual rabbits (Pauerstein and Hodgson), 840
 Radioimmunoassay(s), gonadotropin-releasing hormone, and its measurement in normal human plasma, secondary amenorrhea, and postmenopausal syndrome (Rosenblum and Schlaff), 340
 - with use of 48 hour and six-day incubation methods, comparison between (Kosasa et al.), 116
- Regeneration, human endometrial, studies on cytodynamics of. I.
 Scanning electron microscopy (Ferenczy), 64
 - Scanning electron microscopy (Ferenczy), 64

 II. Transmission electron microscopy and histochemistry (Ferenczy), 582
- Releasing hormone, luteinizing hormone-, (LH-RH) stimulation, in women, plasma levels of norepinephrine (NE) during periovulatory period and after (Rosner et al.), 567
 - (LRH), pituitary responses to, in postpartum periods (Friedman et al.), 75
- radioimmunoassay, gonadotropin-, and its measurement in normal human plasma, secondary amenorrhea, and postmenopausal syndrome (Rosenblum and Schlaff), 340
- Reproductive and nonreproductive tissues, effect of estradiol-17β on blood flow to, in pregnant ewes (Rosenfeld et al.), 618

 Resection, wedge, of ovaries, infertility following (Toaff, Toaff, and
- Peyser), 92
 Respiratory distress syndrome, premature rupture of membranes and, relationship between (Berkowitz, Bonta, and Warshaw),
- 712
 Retardation, intrauterine growth, diagnostic ultrasound for detection of (Queenan et al.), 865
 - hyperfibrinogenemia and polycythemia with, in fetal lambs (Pickart, Creasy, and Thaler), 268

- Retractor, new self-retaining vaginal (Wexler), 436 (Comm. in brief) Rh immunosuppression, prophylactic, effectiveness of, after transfusion with D-positive blood (Bowman), 80
- Risk, high, for low-birth-weight delivery, patients at (Kaltreider and Johnson), 251
 - premature infants, rapid infusion of sodium bicarbonate and albumin into, soon after birth: Controlled, prospective trial (Bland, Clarke, and Harden), 263
- Ritodrine, double-blind investigation into effects of, on uterine blood flow during third trimester of pregnancy (Brettes, Renaud, and Gandar), 164
- Roster of American obstetrical and gynecological societies, 108
- Rubella immunization program, unresolved issues in first five years of (Siegel), 327 (Clinical opinion)
- Rupture, premature, of membranes and respiratory distress syndrome, relationship between (Berkowitz, Bonta, and Warshaw), 712
- Ruptured benign cystic teratomas, bilateral, pregnancy with (Mehra et al.), 361

- Scalp, infant, development of special electrode for continuous subcutaneous pH measurement in (Stamm et al.), 183
- Scan, compound gray scale ultrasonic, simple geometric method for determining fetal weight in utero with (Picker and Saunders), 493
- Scanning electron microscopy, I. Studies on cytodynamics of human endometrial regeneration (Ferenczy), 64
- Screening, antenatal, prognostic value of (Walker), 30
- mass Papanicolaou, and cytologic observations of teen-age girls, experience in (Fields, Restivo, and Brown), 730
- Secondary amenorrhea, postmenopausal syndrome, and normal human plasma, gonadotropin-releasing hormone human plasma, radioimmunoassay and its measurement in (Rosenblum and Schlaff), 340
- Secretion, alanine-stimulated glucagon, effects of fasting and theophylline on, in neonatal and infant sheep (Fiser et al.), 421
- gonadotropic, neurohormonal control of, in primates (Vande Wiele), 832
- Section, cesarean, 5 year comparison with: Elective cesarean hysterectomy (Barclay et al.), 900
- Sepsis, maternal midtrimester, in association with intrauterine contraceptive device: Early histopath (Biggerstaff et al.), 207 (Comm. in brief) Early histopathologic findings
- Serum (sera) levels of placental protein during gestation in baboon (Stevens, Bohn, and Powell), 51
- maternal peripheral vein, cord vein, and cord artery, total unconjugated estrogens in, at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234
- venous and umbilical cord arterial and venous, cortisol levels in, at vaginal delivery (Leong and Pearson Murphy), 471
- prolactin, clomiphene citrate on, in infertile women with ovarian
- dysfunction (Seki et al.), 125 concentrations in women treated with chlormadinone acetate (Beck and Marlarkey), 578
- of women taking oral contraceptives, quantitative study of pregnancy zone protein in (Damber et al.), 289
- Sex prediction, prenatal, nuclear chromatin determination in amniotic fluid cells for, in macaque (Herbst, Taft, and Robboy), 761 (Current investigation)
- Sexuality, adolescent, and paramarriage (Montgomery), 818
- Shield, perforated Dalkon, peritoneal-cutaneous fistula secondary to (Slaughter and Morris), 206 (Comm. in brief)
- Siblings, two, gonadal dysgenesis in (Fleishman, Berlin, and Dana), 308 (Comm. in brief)
- Situ, carcinoma in, cervical dysplasia and, contraceptive choice and prevalence of (Ory et al.), 573
 - dysplasia and, of uterine cervix: Prevalence in very young women (under age 22) (Snyder et al.), 751
 - of vagina following treatment for carcinoma of cervix: Distinctive clinical entity (Geelhoed et al.), 510
- Smears, Papanicolaou, incidence of cervical cancer in perimenopausal and postmenopausal women detected by (Neighbor and Newman), 348
- Smoking and anemia, relation to: Placental ratio in white and black women (Wingerd et al.), 671

- Sodium anticoagulant therapy, warfarin, ovarian hemorrhage complicating (Matseoane, Batts, and Mandeville), 766 (Current investigation)
 - bicarbonate and albumin, rapid infusion of, into high-risk premature infants soon after birth: Controlled, prospective trial (Bland, Clarke, and Harden), 263
- Soluble fibrin monomer complexes, amount and distribution pattern
- of, during early puerperium (Graeff et al.), 21 Species, three closely related primate, interactions of trophoblast and maternal tissues in (Ramsey, Houston, and Harris), 647
- Spontaneous abortion, second-trimester, IUD, and infection (Eisinger), 393
- Squamous-cell carcinoma, I. Cell kinetics and programmed
- chemotherapy for gynecologic cancer (Averette et al.), 912 Sterilization, culdoscopic and laparoscopic tubal, comparison of (Koetsawang et al.), 601
- Sterilizing forceps, bipolar, and uterine manipulator: Two new laparoscopic instruments (Corson), 434 (Comm. in brief)
- Strangulation of umbilical cord by amniotic band (Burrows and Phillips), 697
- Streptococci, group B, antibiotic treatment of parturient women colonized with (Hall et al.), 630
- Student evaluation, improvement of faculty teaching performance in department of obstetrics and gynecology by (Sall et al.), 217
- Subcutaneous pH measurement, continuous, in infant scalp, development of special electrode for (Stamm et al.), 183
- Sulfatase deficiency, placental, diagnosis of (Tabei and Heinrichs), 409 Sulfate, dehydroisoandrosterone, metabolic clearance rate of. IV.

 Acute effects of induced hypertension, hypotension, and naturesis in normal and hypertensive pregnancies (Gant et al.), 143
- test, serial dilution protamine, throughout labor: Intravascular coagulation in obstetrics (Arocha Piñango et al.), 18
- Summary of analysis of published articles, 445 (Editorial)
- Surgery, pelvic cancer, vascular injuries in (Bergan, Dean, and Yao),
- radical pelvic, ureterovaginal fistula as complication of (Macasaet, Lu, and Nelson), 757
- Surgical treatment, results of: Infiltrative carcinoma of vulva (Morley), 874
- Swyer's syndrome (pure gonadal dysgenesis with XY chromosomal constitution): Report of two cases (Bruneteau et al.), 55
- Syndrome, polycystic ovary, endometrial adenocarcinoma and (Wood and Boronow), 140
- postmenopausal, normal human plasma, and secondary amenorrhea, gonaodotropin-releasing hormone radioimand its measurement in (Rosenblum and munoassav Schlaff), 340
- respiratory distress, premature rupture of membranes and, relationship between (Berkowitz, Bonta, and Warshaw), 712
- Swyer's (pure gonadal dysgenesis with XY chromosomal constitu-tion): Report of two cases (Bruneteau et al.), 55
- Syphilis, fetal, in first trimester (Harter and Benirschke), 705

- T 220C, Copper: New long-acting copper intrauterine contraceptive device (Cooper, Millen, and Mishell), 121
 Teaching performance, faculty, in department of obstetrics and gynecology, improvement of, by student evaluation (Sall et
- al.), 217 Teen-age girls, experience in mass Papanicolaou screening and
- cytologic observations of (Fields, Restivo, and Brown), 730 Temperature, ovarian, periovulatory changes in, in ewes (Benoit et al.), 356
- Teratogenic effects of ethyl alcohol administered to pregnant mice (Kronick), 676
- Teratomas, bilateral ruptured benign cystic, pregnancy with (Mehra et al.), 361
- Term pregnancy, placental transfer of clindamycin and gentamicin in (Weinstein, Gibbs, and Gallagher), 688
- Termination of pregnancy with double prostaglandin impact (Csapo et al.), 1
- Test, fractional postcoital, interpretation and significance of (Tredway), 352
- serial dilution protamine sulfate, throughout labor: Intravascular coagulation in obstetrics (Arocha Piñango et al.), 18

Testing, psychometric, as basis for counseling patients choosing method of contraception (Brooks and Butcalis), 85

Testosterone, LH, FSH, and androstenedione, plasma, effectiveness of two oral contraceptives in suppressing, and in stimulating plasma testosterone-binding capacity in hirsute women (Givens et al.), 333

metabolism in endometrial cancer (Calanog et al.), 60

Theophylline, fasting and, effects of, on alanine-stimulated glucagon secretion in neonatal and infant sheep (Fiser et al.), 421

Thrombocytopenia, isoimmune neonatal, management of (Sitarz, Driscoll, and Wolff), 39

Tissue(s), maternal, trophoblast and, interactions of, in three closely related primate species (Ramsey, Houston, and Harris), 647 rat placental, histologic characteristics of cells cultured from (Ferguson and Palm), 415

reproductive and nonreproductive, effect of estradiol-17\$\beta\$ on blood flow to, in pregnant ewes (Rosenfeld et al.), 618

Tolerance (hyperglycemia and hypoglycemia), abnormal glucose, and estriol excretion, association between, in pregnancy (Abell et al.), 388

Toxemia, experimental, production of, in pregnant rabbit (Abitbol et al.), 460

Transactions, eighty-sixth annual meeting, American Association of Obstetricians and Gynecologists, 805-934 Transfusion with D-positive blood, effectiveness of prophylactic Rh

immunosuppression after (Bowman), 80

Transmission electron microscopy and histochemistry, II. Studies on cytodynamics of human endometrial (Ferenczy), 582

Trimester, first, fetal syphilis in (Harter and Benirschke), 705 spontaneous abortion, second-, 1UD, and infection (Eisinger), 393 third, of pregnancy, double-blind investigation into effects of ritodrine on uterine blood flow (Brettes, Renaud, and Gandar), 164

Trophoblast and maternal tissues, interactions of, in three closely ropnoblast and maternal ussues, interactions of, in three closery related primate species (Ramsey, Houston, and Harris), 647 Tubal ligation, incidental, at time of cholecystectomy, new technique

for (Richards), 658 (Comm. in brief) sterilization, culdoscopic and laparoscopic, comparison of (Koet-

sawang et al.), 601 Tube, Fallopian, and uterus, human, catecholamine content of, and plasma levels of estradiol and progesterone, correlation between (Dujovne et al.), 229

human and rabbit Fallopian, inhibition of spontaneous contractility of, by potassium (Johns, Molnar, and Paton), 506

Tumors, gonadal, age of occurrence of, in intersex patients with Y chromosome (Manuel, Katayama, and Jones), 293

Twin pregnancy, unusual, in double uterus (Zervoudakis, Lauersen, and Saary), 659 (Comm. in brief)

Ultrasonic scan, compound gray scale, simple geometric method for determining fetal weight in utero with (Picker and Saunders), 493

Ultrasound, diagnostic, for detection of intrauterine growth retardation (Queenan et al.), 865

Ultrastructural findings, histogenetic considerations and, report of five cases with: Epidermoid cysts of ovary (Nogales and Silverberg), 523

Umbilical cord arterial and venous serum, maternal venous and, cortisol levels in, at vaginal delivery (Leong and Pearson Murphy), 471

strangulation of, by amniotic band (Burrows and Phillips), 697 Unconjugated estrogens, total, in maternal peripheral vein, cord vein, and cord artery serum at delivery, I. Hormonal studies in

pregnancy (Sarda and Gorwill), 234 and total estriol, normal concentrations, diurnal and/or episodic variations, and day-to-day changes of, in late pregnancy

plasma, IV. Estriol in pregnancy (Katagiri et al.), 272 Undernutrition, maternal, placental morphometric and morphologic alterations in (Murthy, Agarwal, and Khanna), 641

Urea, hyperosmolar, administered by intra-amniotic, intravenous, and intraperitoneal routes, comparative effects of, in rhesus monkeys (Blake et al.), 239

intra-amniotically administered hyperosmolar, pharmacokinetics of, in rhesus monkeys (Blake et al.), 245

Ureterovaginal fistula as complication of radical pelvic surgery (Macasaet, Lu, and Nelson), 757

Urinary free cortisol and progesterone, significance of, in normal and anencephalic pregnancy (Chattoraj et al.), 848 metal excretion, rhythmic, effect of oral contraceptives on (Wein-

mann et al.), 719

Urine, estriol levels in, effect of ampicillin administration on estradiol, estriol, and cortisol levels in maternal plasma and on (Sybulski and Maughan), 379

of rabbits, changes in evolution of free epinephrine, norepirephrine, and vanillylmandelic acid, during late pregnancy and parturition (Parvez and Parvez), 222

Uteri, cervix, cytology and colposcopy in diagnosis and management of preclinical carcinoma of: Learning experience (Tovell, Banogan, and Nash), 924

Uterine activity, quantitation of, in 100 primiparous patients (Miller et al.), 398

blood flow during third trimester of pregnancy, double-blind investigation into effects of ritodrine on (Brettes, Renaud, and Gandar), 164

cervix, dysplasia and carcinoma in situ of: Prevalence in very young women (under age 22) (Snyder et al.), 751

contractions, rat, in vitro, indomethacin induces, and alters reactivity to calcium and acetylcholine (Hargrove et al.), 25

manipulator, bipolar sterilizing forceps and: Two new laparoscopic instruments (Corson), 434 (Comm. in brief)

vasculatures and myometrium, effects of local anesthetic agents on (Greiss, Still, and Anderson), 889 Utero, simple geometric method for determining fetal weight in, with

compound gray scale ultrasonic scan (Picker and Saunders), 493

Uterus, double, unusual twin pregnancy in (Zervoudakis, Lauersen, and Saary), 659 (Comm. in brief)

effects of progesterone, prostaglandin $F_{2\alpha}$ and its analogue ICI 81008 on excitability and threshold of (Csapo), 367

human Fallopian tube and, catecholamine content of, and plasma levels of estradiol and progesterone, correlation between (Dujovne et al.), 229

Vagina, carcinoma in situ of, following treatment for carcinoma of cervix: Distinctive clinical entity (Geelhoed et al.), 510

and cervix, benign melanosis of (Tsukada), 211 (Comm. in brief) clear-cell adenocarcinoma of: Survival data (Noller et al.), 285

Vaginal agenesis (Capraro and Gallego), 98 (Current developments) delivery, cortisol levels in maternal venous and umbilical cord arterial and venous serum at (Leong and Pearson Murphy), 471 retractor, new self-retaining (Wexler), 436 (Comm. in brief)

Vaginally administered 15(S)15-methyl-PGF_{2α}-methyl ester, outpatient postconceptional fertility control with (Bygdeman et al.), 493

Vanillylmandelic acid, epinephrine, and norepinephrine, free, changes in evolution of, in urine of rabbits during late pregnancy and parturition (Parvez and Parvez), 222

Vascular injuries in pelvic cancer surgery (Bergan, Dean, and Yao), 562 Vasculatures and myometrium, uterine, effects of local anesthetic

agents on (Greiss, Still, and Anderson), 889

Vein, maternal peripheral, cord vein, and cord artery serum, total unconjugated estrogens in, at delivery, I. Hormonal studies in pregnancy (Sarda and Gorwill), 234

Venous and umbilical cord arterial and venous serum, maternal, cortisol levels in, at vaginal delivery (Leong and Pearson Murphy), 471

Ventilatory and blood gas changes during laparoscopy with local anesthesia (Brown et al.), 741

Ventricular output, right and left, effects of spontaneous and induced changes of heart rate on: Cardiac output in fetal lamb (Rudolph and Heymann), 183

Vermiform appendix, primary adenocarcinoma of, in gynecologic patient (Fichera et al.), 663 (Comm. in brief)

Vesicles, hydatidiform mole, immunoglobulins and beta-1-C globulin in (Márquez-Monter et al.), 406

Vitro, indomethacin induces rat uterine contractions in, and alters reactivity to calcium and acetylcholine (Hargrove et al.), 25 ovulation, in, from adult hamster ovary (Baranczuk and Fainstat),

Vulva, infiltrative carcinoma of: Results of surgical treatment (Morley),

- Warfarin sodium anticoagulant therapy, ovarian hemorrhage complicating (Matseoane, Batts, and Mandeville), 766 (Current investigation)

 Wedge resection of ovaries, infertility following (Toaff, Toaff, and Peyser), 92
- Weight delivery, low-birth-, patients at high risk for (Kaltreider and Johnson), 251
- fetal, in utero, simple geometric method for determining, with compound gray scale ultrasonic scan (Picker and Saunders), 493
- Withdrawal, chlordiazepoxide, in neonate (Athinarayanan et al.), 212 (Comm. in brief)

XY chromosomal constitution, pure gonadal dysgenesis with (Swyer's syndrome): Report of two cases (Bruneteau et al.), 55

- Y chromosome, age of occurrence of gonadal tumors in intersex patients with (Manuel, Katayama, and Jones), 293 Young women (under age 22) very, prevalence in: Dysplasia and carcinoma in situ of uterine cervix (Snyder et al.), 751

Zone protein, pregnancy, quantitative study of, in sera of women taking oral contraceptives (Damber et al.), 289

American Journal of Obstetrics and Gynecology

Editors

JOHN I. BREWER, Editor in Chief

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, Editors

ALBERT B. GERBIE, Associate Editor

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, Editors Emeritus

Advisory committee on policy

John L. M. Bean

Melvin W. Breese

Tommy N. Evans

Clifford P. Goplerud

T. Terry Hayashi

Robert B. Jaffe

John Van S. Maeck

A. Cullen Richardson

J. Donald Woodruff

Samuel S. C. Yen

Board of corresponding editors

Oscar Aguero, Caracas
Fritz Beller, Muenster/Westf.
Pierre O. Hubinont, Brussels
Sir Norman Jeffcoate, Liverpool
Takashi Kobayashi, Tokyo

Volume 125 May-August, 1976 The C. V. Mosby Company St. Louis 1976 in addition to those listed on the front cover the Journal is the official publication of the following societies

NEW YORK OBSTETRICAL SOCIETY OBSTETRICAL SOCIETY OF PHILADELPHIA BROOKLYN GYNECOLOGICAL SOCIETY ST. LOUIS GYNECOLOGICAL SOCIETY NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND CHICAGO GYNECOLOGICAL SOCIETY CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY WASHINGTON GYNECOLOGICAL SOCIETY PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY BOSTON OBSTETRICAL SOCIETY LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY SEATTLE GYNECOLOGICAL SOCIETY ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY KANSAS CITY GYNECOLOGICAL SOCIETY CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY NEW YORK GYNECOLOGICAL SOCIETY PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY SAN FRANCISCO GYNECOLOGICAL SOCIETY JACKSON GYNECIC SOCIETY

Volume 125 Copyright © 1976 by The C. V. Mosby Company (All rights reserved)

Printed in the United States of America

Index to volume 125

Author index*

- ABITBOL, M. MAURICE, DRISCOLL, SHIRLEY G., AND OBER, WILLIAM B. Placental lesions in experimental toxemia in the rabbit, 942
- ABRAMS, R. M., CLAPP, J. F., III, CATON, D., AND HAMMEL, H. T. Automatic balance for fetal weight studies, 660
- ACKER, DAVID, AND RICHMAN, DONNIE. Regionalization of a birth defects prevention clinic, 933
- ACKERMAN, BRUCE D. (see BLINICK ET AL.), 135
- Adams, E. C. (see Johnson, Yoder, and Adams), 45
- Ambrus, Clara M. (see Ambrus et al.), 1057
- Ambrus, Julian L., Mink, Irving B., Courey, Norman G., Niswan-DER, KENNETH, MOORE, ROBERT H., AMBRUS, CLARA M., AND LILLIE, MADELINE A. Progestational agents and blood coagula-tion. VII. Thromboembolic and other complications of oral contraceptive therapy in relationship to pretreatment levels of blood coagulation factors: Summary report of a ten-year study, 1057
- AMSTEY, MARVIN S., AND KOBOS, KATHERINE. An experimental model for disseminated herpesvirus infection of the neonate, 40
- AMYOT, G. (see Lefebure et al.), 609
- ANDERSEN, R. N., GIVENS, J. R., WISER, W. L., AND UMSTOT, E. S. Response of the binding capacity of plasma testosterone estradiol-binding globulin to norethindrone, 2 mg., and mestranol, 0.1 mg., in polycystic ovarian disease, 166
- Anderson, David G., Eaton, Crosby J., Galinkin, Lawrence J., Newton, Charles W., III, Haines, James P., and Miller, NORMAN F. The cytologic diagnosis of endometrial adenocarcinoma, 376
- Anderson, J. R. (see Leblanc, Anderson, and Yen), 708
 Arai, Kiyoshi, Yanaihara, Takumi, and Okinaga, Shoichi. Adrenocorticotropic hormone in human fetal blood at delivery,
- ARCE, JUAN J. (see MORRIS ET AL.), 1121
- ARGAMAN, M. (see MILLER ET AL.), 212
- ARIAS, FERNANDO (see CRANE, SAUVAGE, AND ARIAS), 227
- Arnusch, D. (we Beck, Arnusch, and King), 593
 Artal, Raul, Sokol, Robert J., Neuman, Michael, Burstein, Al-BERT H., AND STOJKOV, JEAN. The mechanical properties of prematurely and non-prematurely ruptured membranes, 655
- ASSWAD, A. (see Sybulski, Asswad, and Maughan), 864
- AUSTIN, K. (see Tyson et al.), 1073
- AUSTIN, STEPHEN D. (see SANDMIRE, AUSTIN, AND BECHTEL), 339
- Azadian-Boulanger, Geneviève, Secchi, Jean, Laraque, Felix, RAYNAUD, JEAN-PIERRE, AND SAKIZ, EDOUARD. Action of a midcycle contraceptive (R 2323) on the human endometrium, 1049
- AZNAR-RAMOS, RAMÓN (SEE GONZÁLEZ-ANGULO AND AZNAR-RAMOS),

B

- BACKER, MATT H., JR., AND PROBST, RAYMOND E. The Pereyra procedure, 346
- BAGSHAWE, K. D. (see WALDEN AND BAGSHAWE), 1108
- BANGDIWALA, ISHVER S. (see FUERTES-DE LA HABA, SANTIAGO, AND Bangdiwala), 980
- BARASH, PAUL G. (see KATZ, HOOK, AND BARASH), 267
- BARCLAY, MEL L. (see BARCLAY AND BARCLAY), 207
- BARCLAY, ROSALYN L., AND BARCLAY, MEL L. Aspects of the normal psychology of pregnancy: The midtrimester, 207
- BARNO, ALEX, AND FREEMAN, D. W. Maternal deaths due to spontaneous subarachnoid hemorrhage, 384
- BARRON, D. H. (see CATON ET AL.), 624
- BARTON, M. DENNIS (see RESNIK ET AL.), 201

- BARWIN, B. NORMAN, AND RODDIE, I. C. Venous distensibility during pregnancy determined by graded venous congestion, 921
- BATTAGLIA, FREDERICK C. (see RESNIK ET AL.), 201
- BECHTEL, RICHARD (see SANDMIRE, AUSTIN, AND BECHTEL), 339 BECK, PAUL, AND LILLING, MAX I. Induction of labor with intravenous
- prostaglandin, 648 Веск, R. P., Arnusch, D., and King, C. Results in treating 210 patients
- with detrusor overactivity incontinence of urine, 593 -, DANIEL, E. E., FIMPER, P., AND KING, C. Electromyographic and
- pressure studies in the canine bladder, 603 BEECHAM, JACKSON B. (see MEAD, BEECHAM, AND MAECK), 79
- BEER, ALAN A. (see SCOTT AND BEER), 418
- BELING, CARL G., CEDERQVIST, LARS L., AND FUCHS, FRITZ. Demonstration of gonadotropin during the second half of the cycle in women using intrauterine contraception, 855 (Current investigation)
- Beller, F. K., Intorp, H. W., Losse, H., Loew, H., Moenninghoff, W., SCHMIDT, E. H., AND GRUNDMANN, E. Malignant nephrosclerosis during pregnancy and in the postpartum period (the uremic hemolytic syndrome), 633
- BEN-ARYEH, H., FILMAR, S., GUTMAN, D., SZARGEL, R., AND PALDI, E. Salivary phosphate as an indicator of ovulation, 871 (Comm. in brief)
- BENDEL, RICHARD P., WILLIAMS, PRESTON P., AND BUTLER, JULIUS C., Jr. Endometrial aspiration in fertility control, 328
- BENZIE, R. J. (see DORAN ET AL.), 586
- BERCOVICI, B. (see MILLER ET AL.), 212
- VAN DEN BERG, BEA J. (see MILKOVICH AND VAN DEN BERG), 244
- BERGER, GARY S., GILLINGS, DENNIS B., AND STEGEL, EARL. The evaluation of Regionalized Perinatal Health Care Programs,
- (see Keith, Berger, and Pollack), 502
- BERMAN, M. L. (see WATRING ET AL.), 809
- BHATT, ROHIT V. (see EDELMAN ET Al.), 188
- BHIWANDIWALA, POURU (see EDELMAN ET AL.), 188
- BILODEAU, R. (see LEFEBVRE ET AL.), 609 BIRK, S. A. (see SPELLACY, BUHI, AND BIRK), 984
- BJERRE, BENGT, ELIASSON, GÖSTA, LINELL, FOLKE, SÖDERBERG, HANNA, AND SJÖBERG, NILS-OTTO. Conization as only treatment of
- carcinoma in situ of the uterine cervix, 143 BLACK, JAMES (see DINGFELDER ET AL.), 821
- BLINICK, GEORGE, WALLACH, ROBERT C., JEREZ, EULOGIO, AND ACKER-MAN, BRUCE D. Drug addiction in pregnancy and the neonate. 135 (Clinical opinion)
- BOLOGNESE, RONALD J., CORSON, STEPHEN L., FUCCILLO, DAVID A., AND TRAUB, RENEE. The susceptibility of the postpartum and postabortal cervix and uterine cavity to infection with at-
- tenuated rubella virus, 525
- BORGSTEDT, AGNETA D. (see CHIK ET AL.), 537, 541 BORIN, BRUCE (see MOGHISSI, SYNER, AND BORIN), 1044
- BOTTE, JOSEPH M. (see RUST, BOTTE, AND HOWLETT), 768
- BOYCE, A., MAYAUX, M. J., AND SCHWARTZ, D. Classical and "true" gestational postmaturity, 911
- BOYD, MARK E., AND GARCEAU, ROBERT. The value of prophylactic antibiotics after vaginal hysterectomy, 581
- BRENNER, WILLIAM E. (see DINGFELDER ET AL.), 821
- (see EDELMAN ET AL.), 188
- (see Staurovsky et al.), 185
- BREYER, BRANKO (see KURJAK AND BREYER), 962
- BRINKMAN, MARGARET (see NEWMAN ET AL.), 108 Brinton, James (see Gabert, Brinton, and Brown), 333
- Brown, Barry (see Coppleson and Brown), 153
- BROWN, BRYANT (see GABERT, BRINTON, AND BROWN), 333
- Brown, JERRY E. (see Morris et al.), 1121

BRUGES E SAAVEDRA, A. (see NEVES-E-CASTRO ET AL.), 865

BUCOVAZ, E. T. (see Morrison et al.), 1085

BUHI, W. C. (see SPELLACY, BUHI, AND BIRK), 984

BURSTEIN, ALBERT H. (see ARTAL ET AL.), 655

BURTON, ROBERT M., HOPE, NANCY J., AND LUBBERS, LAWRENCE M. A thermostable antigen associated with ovarian cancer, 472

BURY, ROBERT (see Soules et al.), 412

BUSTER, JOHN E., SAKAKINI, JOSEPH, JR., KILLAM, ALLEN P., AND SCRAGG, WILLIAM H. Serum unconjugated estriol levels in the third trimester and their relationship to gestational age, 672

BUTLER, JULIUS C., JR. (see BENDEL, WILLIAMS, AND BUTLER), 328

CARMICHAEL, D. ERSKINE Prolapse of the Fallopian tube into the vaginal vault, 266 (Comm. in brief)

CARTNICK, EDWARD N. (see JAFARI AND CARTNICK), 274

CASTRO, VERNON MADRIGAL (See HULKA ET AL.), 1039
CATON, D., LACKORE, L. K., THATCHER, W. W., AND BARRON, D. H.
Uterine blood flow, oxygen consumption, and maternal plasma estradiol and progestins following fetal death, 624

- (see ABRAMS ET AL.), 660

Caudle, Michael R. (see Gusdon et al.), 224 Cederqvist, Lars L. (see Beling, Cederqvist, and Fuchs), 855

CEFALO, ROBERT C. (see Hamilton et al.), 562

CETRULO, CURTIS (see HAVERKAMP ET AL.), 310

CHANG, ALLAN, AND WOOD, CARL. Fetal acid-base balance. I. Interdependence of maternal and fetal Pco2 and bicarbonate concentration, 61

CHAPANIS, N. P. (see ZACUR ET AL.), 859

CHATMAN, DONALD L. Endometriosis in the black woman, 987

CHEN, ANTHONY B., MOSESSON, MICHAEL W., AND SOLISH, GEORGE I. Identification of the cold-insoluble globulin of plasma in amniotic fluid, 958

CHEN, HAO-CHIA (see SCHREIBER ET AL.), 705

CHEZ, RONALD A. (see EPSTEIN, FARRELL, AND CHEZ), 545

CHIHAL, H. J. WEEMS (SEE DICKEY, CHIHAL, AND PEPPLER), 976

CHIK, LAWRENCE, SOKOL, ROBERT J.; ROSEN, MORTIMER G., AND BORGSTEDT, AGNETA D. Computer interpreted fetal electroencephalogram. I. Relative frequency of patterns, 537

AND -. Computer interpreted fetal electroencephalogram. II. Patterns in infants who were neurologically abnormal at 1 year of age, 541

CHRISTIANSON, ROBERTA E. Studies on blood pressure during pregnancy. I. Influence of parity and age, 509

(see Page and Christianson), 740

CIBILS, LUIS A. Clinical significance of fetal heart rate patterns during labor. I. Baseline patterns, 290

(see MATADIAL AND CIBILS), 846

CLAPP, J. R., III (see ABRAMS ET AL.), 660

CLEARY, ROBERT E. (see Young, EHRLICH, AND CLEARY), 353

CLEWELL, WILLIAM, AND MESCHIA, GIACOMO. Relationship of the metabolic clearance rate of dehydroisoandrosterone sulfate to placental blood flow: A mathematical model, 507

COMPTON, ALAN A. (see SESKI AND COMPTON), 276

CONNOR, E., AND CURRAN, J. In utero traumatic intra-abdominal deceleration injury to the fetus-A case report, 567 (Comm. in brief)

COPPES, JOHN B., AND MESSER, ROBERT H. Maternal deaths in California from 1967 to 1971, 393

COPPLESON, L. WARWICK, AND BROWN, BARRY. The prevention of carcinoma of the cervix, 153

CORSON, STEPHEN L. (see BOLOGNESE ET AL.), 525

COUREY, NORMAN G. (see AMBRUS ET Al.), 1057

COX, KAY (see CUNNINGHAM ET AL.), 881 CRANE, JAMES P., SAUVAGE, JACQUES P., AND ARIAS, FERNANDO. A high-risk pregnancy management protocol, 227 CRENSHAW, CARLYLE, JR. (see NAGEY ET AL.), 249

- (see Pupkin et al.), 256

CROCKER, KAREN (see GOODLIN, CROCKER, AND HAESSLEIN), 665

CUNNINGHAM, F. GARY, COX, KAY, HAUTH, JOHN C., STRONG, JAMES D., AND WHALLEY, PEGGY J. Oral prostaglandin E2 for labor induction in high-risk pregnancy, 881

CURRAN, J. (see CONNOR AND CURRAN), 567 (Comm. in brief)

DALTON, K. J. (see PATRICK, DALTON, AND DAWES), 73

DAMBER, M.-G., VON SCHOULTZ, B., AND STIGBRAND, T. Pregnancyzone protein present during pregnancy and hormonal treat-ment in women previously believed not to produce this protein, 565 (Comm. in brief)

DANIEL, E. E. (see BECK ET AL.), 603

DAVIDSON, EZRA C., JR. (see MORRIS ET AL.), 1121 DAVIDSON, S. (see WHETHAM, MUGGAH, AND DAVIDSON), 577

DAWES, G. S. (see PATRICK, DALTON, AND DAWES), 73

DAWOOD, M. YUSOFF. Circulating maternal serum progesterone in high-risk pregnancies, 832

DE GRANDI, P. B. (see LIPPERT, DE GRANDI, AND FRIDRICH), 1093

DELGADO, GREGORIO, SMITH, JULIAN P., LUIS, DECLOS, AND GALLAGHER, STEPHEN. Reticulum-cell sarcoma of the cervix, 691

Delgado, Hernan (see Lechtig et al.), 25

DESSOURY, DESSOURY AHMAD. Ultrastructural observations of the human uterine smooth muscle cells during gestation, 1099

DICKEY, RICHARD P., CHIHAL, H. J. WEEMS, AND PEPPLER, RICHARD D. Estrogen potencies of three new low-dose oral contraceptives,

DINGFELDER, JAMES R., BLACK, JAMES, BRENNER, WILLIAM E., STAUROVSKY, LINDA G., AND GRUBER, WALTHER. INITAamniotic administration of 15(S)-15-methyl prostaglandin F20 for the induction of midtrimester abortion, 821

- (see Staurovsky et al.), 185

DιΡιέτκο, David L. Assay of estriol- 16α -(β-D-glucuronide) in pregnancy urine with a specific antiserum, 841

DISAIA, PHILIP J. (see FORNEY ET AL.), 100

DIZREGA, GERE S. (see GABBE, DIZREGA, AND MESTMAN), 264

DORAN, T. A., MALONE, R. M., BENZIE, R. J., JONES OWEN, V., THOMPSON, D. W., AND NEW, M. L. Amniotic fluid tests for fetal maturity in normal and abnormal pregnancies, 586

DOTT, ANDREW B., AND FORT, ARTHUR T. Medical and social factors affecting early teenage pregnancy, 532

DRISCOLL, SHIRLEY G. (see ABITBOL, DRISCOLL, AND OBER), 942

DUENHOELTER, JOHANN H., AND PRITCHARD, JACK A. Fetal respiration: Quantitative measurements of amniotic fluid inspired near term by human and rhesus fetuses, 306

-, WHALLEY, PEGGY J., AND MACDONALD, PAUL C. An analysis of the utility of plasma immunoreactive estrogen measurements in determining delivery time of gravidas with a fetus considered at high risk, 889

DUHRING, JOHN L., McKean, Harlan, and Hager, W. David. Amnio-tic fluid analysis in Rh-sensitized pregnancies, 368 Dunn, James M. Neonatal myasthenia, 265 (Comm. in brief)

DUROCHER, J. G. (see LEFEBVRE ET AL.), 609

EATON, CROSBY J. (see ANDERSON ET AL.), 376

EDELMAN, DAVID A., BRENNER, WILLIAM E., MEHTA, AJIT C., PHILIPS, FLORENCE S., BHATT, ROHIT V., AND BHIWANDIWALA, POURU. A comparative study of intra-amniotic saline and two prostaglandin F20 dose schedules for midtrimester abortion, 188 EDGREN, RICHARD A., AND STURTEVANT, F. M. Potencies of oral

contraceptives, 1029 (Clinical opinion)

EHARA, Y., SILER, T. M., AND YEN, S. S. C. Effects of large doses of estrogen on prolactin and growth hormone release, 455

EHRLICH, CLARENCE E. (see Young, EHRLICH, AND CLEARY), 353

ELIASSON, GÖSTA (see BJERRE ET AL.), 143 EPSTEIN, MICHAEL F., FARRELL, PHILIP M., AND CHEZ, RONALD A. Fetal lung lecithin metabolism and the amniotic fluid L/S ratio in rhesus monkey gestations, 545

ESTERLY, JOHN R. (see WILEY AND ESTERLY), 514

Evans, James, and Townsend, Lance. The induction of ovulation, 321 EVANS, TOMMY N. Sexually transmissible diseases, 116 (Current developments)

FADEL, HOSSAM E., NORTHROP, GRETAJO, AND MISENHIMER, H. ROBERT. Hyperuricemia in pre-eclampsia, 640

FARINHOLT, J. (see Tyson et al.), 1073 FARRELL, PHILIP M. (see EPSTEIN, FARRELL, AND CHEZ), 545

FENOGLIO, CECILIA, FERENCZY, ALEX, AND RICHART, RALPH M. Mucinous tumors of the ovary. II. Ultrastructural features of mucinous cystadenocarcinomas. 990

FERENCZY, ALEX (see FENOGLIO, FERENCZY, AND RICHART), 990

FERNANDEZ-ROCHA, LUIS, AND OULLETTE, ROBERT. Fetal bleeding: An unusual complication of fetal monitoring, 1153 (Comm. in brief)

FIEDLER, J. (see Tyson et al.), 1073 FILMAR, S. (see BEN-ARYEH ET AL.), 871

FIMPER, P. (see BECK ET AL.), 603

FISHBURNE, JOHN I. (see HULKA ET AL.), 1039

Finn, George, Jr. (see Hamleton et al.), 562

Forney, John P., Morrow, C. Paul, Townsend, Duane E., and Disaia, Philip J. Impact of cephalosporin prophylaxis on conization—vaginal hysterectiony morbidity, 100

Fort, Arthur T. (see Dott and Fort), 532

FRAZER, ROBERT (see MORRIS ET AL.), 1121

FREEMAN, D. W. (see BARNO AND FREEMAN), 384

FREEMAN, ROGER K. (see TRIERWEILER, FREEMAN, AND JAMES), 618

FREMOUNT, HENRY N. (see KOSTELNIK AND FREMOUNT), 272 FRIDRICH, R. (see LIPPERT, DE GRANDI, AND FRIDRICH), 1093

FUCCILLO, DAVID A. (see BOLOGNESE ET AL.), 525

Fuchs, Fritz (see Belling, Cederqvist, and Fuchs), 855 Fuertes-de la Haba, Abelardo, Santiago, Guillermo, and BANGDIWALA, ISHVER S. Measured intelligence in offspring of oral and nonoral contraceptive users, 980

FUTORAN, ROBERT J., AND NOLAN, JAMES F. Stage I carcinoma of the uterine cervix in patients under 40 years of age, 790

G

GABBE, STEVEN G., DIZREGA, GERE S., AND MESTMAN, JORGE H. Remission of diabetes mellitus during pregnancy, 264 (Comm. in

GABERT, HARVEY A., BRINTON, JAMES, AND BROWN, BRYANT. Induction

of labor with oral prostaglandin E2, 333

Gabrilove, J. L., Nicolis, G. L., and Mitty, H. A. Virilizing adrenocortical adenoma studied by selective adrenal venography, 180

GALASK, RUDOLPH P. (see OHM AND GALASK), 442, 448 - (see Schlievert, Johnson, and Galask), 899, 906 GALINKIN, LAWRENCE J. (see ANDERSON ET AL.), 376 GALLAGHER, STEPHEN (see DELGADO ET AL.), 691

GANT, N. F. (see MADDEN ET AL.), 915

GARCEAU, ROBERT (see BOYD AND GARCEAU), 581

GARVIN, A. JULIAN, PRATT-THOMAS, H. R., SPECTOR, M., SPICER, S. S., AND WILLIAMSON, H. O. Gonadoblastoma: Histologic, ultra-structural, and histochemical observations in five cases, 459

GEE, CAROL L. (see LEDGER ET AL.), 677 GEORGE, MICHAEL E. D. (see LAUERSEN, HOCHBERG, AND GEORGE), 1125 GILLINGS, DENNIS B. (see BERGER, GILLINGS, AND SIEGEL), 924

GIVENS, J. R. (see Andersen et al.), 166

GLUCK, LOUIS (see HALLMAN ET AL.), 613 GONZÁLEZ-ANGULO, AMADOR, AND AZNAR-RAMOS, RAMÓN. Ultra-structural studies on the endometrium of women wearing TCu-200 intrauterine devices by means of transmission and scanning electron microscopy and x-ray dispersive analysis, 170

GOODLIN, ROBERT C. Severe pre-eclampsia: Another great imitator, 747

-, CROCKER, KAREN, AND HAESSLEIN, HANNS C. Post-paracervical block bradycardia: Its prediction and preventability, 665 GORDON, MYRON (see GUGLIUCCI ET AL.), 435

GOWLAND, G. (see Taylor et al.), 528 Greenblatt, Robert B., and Mahesh, Virendra B. The androgenic polycystic ovary, 712 (Current developments)

GRIMES, DAVID A. (see STAUROVSKY ET AL.), 185 GRUBER, WALTHER (see DINGFELDER ET AL.), 821

GRUNDMANN, E. (see BELLER ET AL.), 633

GRUNNET, N. (see LAURITSEN, KRISTENSEN, AND GRUNNET), 35

GUGLIUCCI, CAMILLO L., O'SULLIVAN, MARY J., OPPERMAN, WERNER,
GORDON, MYRON, AND STONE, MARTIN L. Intensive care of the pregnant diabetic, 435 (Clinical opinion)

GUSDON, JOHN P., JR., CAUDLE, MICHAEL R., HERBST, GLENN A., AND IANNUZZI, NICHOLAS P. Phagocytosis and erythroblastosis. I. Modification of the neonatal response by promethazine hydrochleride, 224

GUTMAN, D. (see BEN-ARYEH ET AL.), 871

HABICHT, JEAN-PIERRE (see LECHTIG ET AL.), 25

HADDAD, JOHN G. (see HILLMAN AND HADDAD), 196

HAESSLEIN, HANNS C., AND LAMB, EMMET J. Pituitary tumors in patients with secondary amenorrhea, 759

(see GOODLIN, CROCKER, AND HAESSLEIN), 665

HAGER, W. DAVID (see DUHRING, MCKEAN, AND HAGER), 368

Haines, James P. (see Anderson et al.), 376
Halbert, Seymour P. (see Lin, Halbert, and Spellacy), 17
Hale, Ralph W., Reich, Laurence A., Joiner, Jerry M., Pion,
Ronald J., and Kobara, Thomas, Histopathologic evaluation of uteri curetted by flexible suction cannula, 805

HALLATT, JACK G. Ectopic pregnancy associated with the intrauterine device: A study of seventy cases, 754
HALLMAN, MIKKO, KULOVICH, MARIE, KIRKPATRICK, ELSA, SUGARMAN,

ROBERT G., AND GLUCK, LOUIS. Phosphatidylinositol and phosphatidylglycerol in amniotic fluid: Indices of lung matur-

Hamberger, Lars (see Larsson, Ljung, and Hamberger), 682 Hamilton, James V., Flinn, George, Jr., Haynie, Charles C., and CEFALO, ROBERT C. Diagnosis of rectus sheath hematoma by B-mode ultrasound: A case report, 562 (Comm. in brief)

HAMMEL, H. T. (see ABRAMS ET AL.), 660

HAMMOND, CHARLES B. (see TYREY AND HAMMOND), 160 HANCOCK, K. W. (see TAYLOR ET AL.), 528

Hanzlik, Harold, and Leissring, John C. Parametrial phlebectasia: A clinical-pathologic entity, 431 (Clinical opinion)

HASSANEIN, KHATAB (see MILLER, HASSANEIN, AND HENSLEIGH), 55

HAUTH, JOHN C. (see CUNNINGHAM ET AL.), 881 HAVERKAMP, ALBERT D., THOMPSON, HORACE E., McFee, JOHN G., AND CETRULO, CURTIS. The evaluation of continuous fetal heart rate monitoring in high-risk pregnancy, 310

HAYNIE, CHARLES C. (see HAMILTON ET AL.), 562 HENSLEIGH, PAUL A. (see MILLER, HASSANEIN, AND HENSLEIGH), 55

HERBST, GLENN A. (see GUSDON ET AL.), 224 HERMAN, S. P. (see ROLLAND ET AL.), 1152

HIBBARD, LESTER T. Changing trends in cesarean section, 798

HILLMAN, LAURA S., AND HADDAD, JOHN G. Perinatal vitamin D metabolism. III. Factors influencing late gestational human serum 25-hydroxyvitamin D, 196

HOCHBERG, HOWARD M. (see LAUERSEN, HOCHBERG, AND GEORGE), 1125

HOCK, R. ALAN (see TYSON AND HOCK), 1009

HODGEN, GARY D. (see Schreiber et al.), 705

HOLLIDAY, R. L. (see TEW, HOLLIDAY, AND PHIBBS), 1151

Honoré, L. H., and Nickerson, K. G. Papillary serous cystadenoma arising in a paramesonephric cyst of the parovarium, 870 (Comm. in brief)

HOOK, ROBERT (see KATZ, HOOK, AND BARASH), 267

HOPE, NANCY J. (see BURTON, HOPE, AND LUBBERS), 472

HOTTE, R. (see LEFEBVRE ET AL.), 609

HOWLETT, RALPH J. (see Rust, Botte, and Howlett), 768 Hukkinen, K., Kariniemi, V., Katila, T. E., Laine, H., Lukander, R., AND MÄKIPÄÄ, P. Instantaneous fetal heart rate monitoring by electromagnetic methods, 1115

HULKA, J. F., MERCER, JACK P., FISHBURNE, JOHN I., KUMARASAMY, THAMPU, OMRAN, K. F., PHILLIPS, JORDAN M., JR., LEFLER, HUGH T., Jr., LIEBERMAN, BRIAN, LEAN, T. H., PAI, D. N., KOETSAWANG, SUPORN, AND CASTRO, VERNON MADRIGAL. Spring clip sterilization: One-year follow-up of 1,079 cases,

HUNTER, G. WILSON (see LIGHT, SOLHEIM, AND HUNTER), 827 HUX, CHARLES (see TEGENKAMP, HUX, AND TEGENKAMP), 554

IANNUZZI, NICHOLAS P. (see Gusdon et al.), 224

IIZUKA, RIHACHI (see MORISADA, YAMAGUCHI, AND IIZUKA), 3 IMIG, JOHN R., AND PERKINS, RICHARD P. Extraperitoneal cesarean section: A new need for old skills, 51

INGEMARSSON, INGEMAR. Effect of terbutaline on premature labor, 520 INGLIS, ROBERT M., AND WEIR, JAMES H. Endometrial suction biopsy:

Appraisal of a new instrument, 1070 INTORP, H. W. (see Beller et al.), 633

ISRAEL, ROBERT, AND MARCH, CHARLES M. Diagnostic laparoscopy: A prognostic aid in the surgical management of infertility, 969 - (see MARCH AND ISRAEL), 274

JAFARI, KIANOOSH, AND CARTNICK, EDWARD N. Microinvasive squamous-cell carcinoma of the vulva, 274 (Comm. in brief)

JAMES, JEAN (see TRIERWEILER, FREEMAN, AND JAMES), 618

JEPPSSON, STEN, AND RANNEVIK, GUNNAR, Studies on the gonadotropin response after administration of LH/FSH-releasing hormone (LRH) during pregnancy and after therapeutic abortion in the second trimester, 484

JEREZ, EULOGIO (see BLINICK ET AL.), 135

JOHNSON, G. H. (see WATRING ET AL.), 809 JOHNSON, P. K., YODER, J. M., AND ADAMS, E. C. A rapid, flow-through radioimmunoassay for column human chorionic somatomammotropin, 45

JOHNSON, WILLIAM (see Schlievert, Johnson, and Galask), 899, 906

Joinston, John M. (see Schwarz et al.), 1089 Joiner, Jerry M. (see Hale et al.), 805 Jones, Howard W., Jr. (see Ju., Park, and Jones), 1155 — (see Neves-e-Castro et al.), 865

JONES, OLIVER W. (see Young, Matson, and Jones), 495

JONES OWEN, V. (see DORAN ET AL.), 586

JU. KAP SOON, PARK, I. JAMES, AND JONES, HOWARD W., JR. The culturability of fibroblasts from the skin of abortuses after intra-amniotic instillation of urea or prostaglandin, 1155 (Comm. in brief)

KAHN, HENRY S., AND TYLER, CARL W., JR. An association between the Dalkon Shield and complicated pregnancies among women hospitalized for intrauterine contraceptive device-related disorders, 83

KAISER, IRWIN H. The obstetric death of Mary Wollstonecraft, 1 (Guest editorial)

KARINIEMI, V. (see HUKKINEN ET AL.), 1115

KATILA, T. E. (see HUKKINEN ET AL.), 1115

KATZ, JONATHAN D., HOOK, ROBERT, AND BARASH, PAUL G. Fetal heart rate monitoring in pregnant patients undergoing surgery, 267 (Comm. in brief)

KEITH, LOUIS, BERGER, GARY S., AND POLLACK, WILLIAM. The transfusion of Rh-positive blood into Rh-negative women, 502

KILLAM, ALLAN P. (see RESNIK ET AL.), 201

KILLAM, ALLEN P. (see BUSTER ET AL.), 672

King, C. (see Beck, Arnusch, and King), 593—(see Beck et al.), 603

KINZEL, GERALD E. Primary carcinoma of the Fallopian tube, 816

KIRKPATRICK, ELSA (see HALLMAN ET AL.), 613 KLEIN, ROBERT E. (see LECHTIG ET AL.), 25

KLIMAS, JOHN T. (see MULVIHILL ET AL.), 937

KOBARA, THOMAS (see HALE ET AL.), 805

KOETSAWANG, SUPORN (see HULKA ET AL.), 1039 KOSTELNIK, F. V., AND FREMOUNT, HENRY N. Mycotic tubo-ovarian abscess associated with the intrauterine device, 272 (Comm. in brief)

KREUTNER, ALBERT, JR. (see Smythe, Underwood, and Kreutner), 1149

KRISTENSEN, T. (see LAURITSEN, KRISTENSEN, AND GRUNNET), 35

KULOVICH, MARIE (see HALLMAN ET AL.), 613 KUMARASAMY, THAMPU (see HULKA ET AL.), 1039

KUMAR, G. KRISHNA (SEE PRUST AND KUMAR), 695

KURJAK, ASIM, AND BREYER, BRANKO. Estimation of fetal weight by ultrasonic abdominometry, 962

LACKORE, L. K. (see CATON ET Al.), 624

LAGASSE, L. D. (see WATRING ET AL.), 809

LAINE, H. (see HUKKINEN ET AL.), 1115

LAKE, C. R. (see ZACUR ET AL.), 859 LAMB, EMMET J. (see HAESSLEIN AND LAMB), 759

LANTHIER, A. (see LEFEBVRE ET AL.), 609

LARAQUE, FELIX (see AZADIAN-BOULANGER ET AL.), 1049

LARSSON, BERTIL, LJUNG, BENGT, AND HAMBERGER, LARS. The influence of copper on the in vitro motility of the human Fallopian tube, 682

LAUERSEN, NIELS H., HOCHBERG, HOWARD M., AND GEORGE, MICHAEL E. D. Evaluation of the accuracy of a new ultrasonic fetal heart rate monitor, 1125

LAURITSEN, J. GLENN, KRISTENSEN, T., AND GRUNNET, N. Depressed mixed lymphocyte culture reactivity in mothers with recurrent spontaneous abortion, 35

LEAN, T. H. (see HULKA ET AL.), 1039

LEBLANC, H., ANDERSON, J. R., AND YEN, S. S. C. Glucagon secretion in late pregnancy and the puerperium, 708 (Current investigation)

LECHTIG, AARON, DELGADO, HERNAN, YARBROUGH, CHARLES, HABICHT, JEAN-PIERRE, MARTORELL, REYNALDO, AND KLEIN, ROBERT E. A simple assessment of the risk of low birth weight to select women for nutritional intervention, 25

LEDGER, WILLIAM J., GEE, CAROL L., POLLIN, PATRICIA, NAKAMURA, ROBERT M., AND LEWIS, WILLIAM P. The use of prereduced media and a portable jar for the collection of anaerobic organisms from clinical sites of infection, 677

LEFEBVRE, Y., MARIER, R., AMYOT, G., BILODEAU, R., HOTTE, R., RAYNAULT, P., DUROCHER, J. G., AND LANTHIER, A. Maternal, fetal, and intra-amniotic hormonal and biologic changes resulting from a single dose of hydrocortisone injected in the intra-amniotic compartment, 609

LEFLER, HUGH T., JR. (see HULKA ET AL.), 1039

Lei, K. Y. (see Prasad et al.), 1063

LEISSRING, JOHN C. (see HANZLIK AND LEISSRING), 431

LEWIS, WILLIAM P. (see LEDGER ET AL.), 67

LIEBERMAN, BRIAN (see HULKA ET AL.), 1039

LIGHT, HARRIETT K., SOLHEIM, JOAN SENZEK, AND HUNTER, G. WILSON. Satisfaction with medical care during pregnancy and delivery, 827

LILLIE, MADELINE A. (see AMBRUS ET Al.), 1057

LILLING, MAX I. (see BECK AND LILLING), 648

LIN, TSUE-MING, HALBERT, SEYMOUR P., AND SPELLACY, WILLIAM N. Relation of obstetric parameters to the concentrations of four pregnancy-associated plasma proteins at term in normal gestation, 17

LINELL, FOLKE (see BJERRE ET AL.), 143

LIPPERT, T. H., DE GRANDI, P. B., AND FRIDRICH, R. Actions of the uterine relaxant, fenoterol, on uteroplacental hemodynamics in human subjects, 1093

LJUNG, BENGT (see LARSSON, LJUNG, AND HAMBERGER), 682

LOEW, H. (see Beller et al.), 633

LOFFER, FRANKLIN D., AND PENT, DAVID. Laparoscopy in the obese patient, 104

Losse, H. (see Beller et al.), 633

Lubbers, Lawrence M. (see Burton, Hope, and Lubbers), 472

Luis, Declos (see Delgado et al.), 691

LUKANDER, R. (See HUKKINEN ET AL.), 1115

MacDonald, Paul C. (see Duenhoelter, Whalley, and MacDonald),

- (see MADDEN ET AL.), 915

- (see Schwarz et al.), 1089

McFee, John G. (see Haverkamp et al.), 310

McKean, Harlan (see Duhring, McKean, and Hager), 368

MACKENNA, JARLATH (see NAGEY ET Al.), 249 (see Pupkin et al.), 256

MADDEN, J. D., SHTERI, P. K., MACDONALD, P. C., AND GANT, N. F. The pattern and rates of metabolism of maternal plasma dehydroisoandrosterone sulfate in human pregnancy, 915

MAECK, JOHN VAN S. (see MEAD, BEECHAM, AND MAECK), 79 MAHESH, VIRENDRA B. (see GREENBLATT AND MAHESH), 712

MAIDMAN, JACK C. (see MORRIS ET Al.), 1121

MÄKIPÄÄ, P. (see HUKKINEN ET AL.), 1115

MAKOWSKI, EDGAR L. (see RESNIK ET AL.), 201 MALINAK, L. RUSSELL (see Soules et al.), 412

MALONE, R. M. (see DORAN ET AL.), 586

MAN, EVELYN B., AND SERUNIAN, SALLY A. Thyroid function in human pregnancy. IX. Development or retardation of 7-year-old progeny of hypothyroxinemic women, 949

MANTELL, COLIN D. Breathing movements in the human fetus, 550 MARCH, CHARLES M., AND ISRAEL, ROBERT. Rectovaginal endome-

triosis: An isolated enigma, 274 (Comm. in brief) TREDWAY, DONALD R., AND MISHELL, DANIEL R., JR. Effect of clomiphene citrate apon amount and duration of human

menopausal gonadotropin therapy, 699 (see ISRAEL AND MARCH), 969

MARIER, R. (see LEFEBURE ET AL.), 609
MARTIN, F. I. R. Absolute neonatal insulin levels in children of insulin-requiring diabetic patients, 71

MARTORELL, REYNALDO (see LECHTIG ET AL.), 25

MATADIAL, LENNOX, AND CIBILS, LUIS A. The effect of epidural anesthesia on uterine activity and blood pressure, 846

MATSON, MELINDA R. (see YOUNG, MATSON, AND JONES), 495 MAUGHAN, G. B. (see SYBULSKI AND MAUGHAN), 236

(see Sybulski, Asswad, and Maughan), 864

MAYAUX, M. J. (see BOYCE, MAYAUX, AND SCHWARTZ), 911 MEAD, PHILIP B., BEECHAM, JACKSON B., AND MAECK, JOHN VAN S.
Incidence of infections associated with the intrauterine contraceptive device in an isolated community, 79

MEHTA, AJIT C. (see EDELMAN ET AL.), 188

MERCER, JACK P. (see HULKA ET AL.), 1039

MESCHIA, GIACOMO (see CLEWELL AND MESCHIA), 507

(see RESNIK ET AL.), 201

Messer, Robert H. (see Coppes and Messer), 393 Mestman, Jorge H. (see Gabbe, Dizrega, and Mestman), 264

MICHEL, J. (see MILLER ET AL.), 212

MILKOVICH, LUCILLE, AND VAN DEN BERG, BEA J. An evaluation of the teratogenicity of certain antinauseant drugs, 244

MILLER, HERBERT C., HASSANEIN, KHATAB, AND HENSLEIGH, PAUL A. Fetal growth retardation in relation to maternal smoking and weight gain in pregnancy, 55

MILLER, J., MICHEL, J., BERCOVICI, B., ARGAMAN, M., AND SACKS, T. Studies on the antimicrobial activity of amniotic fluid, 212

MILLER, NORMAN F. (see ANDERSON ET AL.), 376

MINK, IRVING B. (see AMBRUS ET AL.), 1057

MISENHIMER, H. ROBERT (See FADEL, NORTHROP, AND MISENHIMER), 640 MISHELL, DANIEL R., Jr. (See MARCH, TREDWAY, AND MISHELL), 699

MITTY, H. A. (see GABRILOVE, NICOLIS, AND MITTY), 180

MOENNINGHOFF, W. (see Beller et al.), 633

MOGHISSI, KAMRAN S., SYNER, FRANK N., AND BORIN, BRUCE. Cyclic changes of cervical mucus enzymes related to the time of ovulation. I. Alkaline phosphatase, 1044

— (see Prasad et al.), 1063 Moore, J. G. (see Watring et al.), 809

MOORE, ROBERT H. (see AMBRUS ET AL.), 1057

Morisada, Masaru, Yamaguchi, Hisao, and Iizuka, Rihachi. Immunobiological function of the syncytiotrophoblast: A new theory, 3

MORRIS, JOHN A., DAVIDSON, EZRA C., JR., MAIDMAN, JACK C., ARCE, JUAN J., BROWN, JERRY E., AND FRAZER, ROBERT. Sampling the fetoplacental circulation. I. The pregnant ovine, 1121

MORRISON, J. C., WHYBREW, W. D., BUCOVAZ, E. T., AND WISER, W. L. Fluctuation of fetal hemoglobin in sickle-cell anemia, 1085

Morrow, C. Paul (see Forney et al.), 100

Mosesson, Michael W. (see Chen, Mosesson, and Solish), 958

MUGGAH, H. (see WHETHAM, MUGGAH, AND DAVIDSON), 577

MULVIHILL, JOHN J., KLIMAS, JOHN T., STOKES, DENNIS C., AND RISEM-BERG, HERMAN M. Fetal alcohol syndrome: Seven new cases,

NAGEY, DAVID A., PUPKIN, MARCOS J., MACKENNA, JARLATH, SCHOM-BERG, DAVID W., AND CRENSHAW, CARLYLE, JR. A physiologic model of the dehydroepiandrosterone to estrogen conversion system in the fetoplacental unit. I. Development, 249

(see PUPKIN ET AL.), 256

NAKAMURA, ROBERT M. (see LEDGER ET AL.), 677

NEUMAN, MICHAEL (see ARTAL ET AL.), 655

Neves-e-Castro, Manuel, Bruges e Saavedra, A., Vilhena, Mario M., and Jones, Howard W., Jr. Lateral communicating double uterus with unilateral vaginal obstruction, 865 (Comm. in brief)

New, M. L. (see DORAN ET Al.), 586

NEWMAN, ROBERT L., SIRRIDGE, MARJORIE, BRINKMAN, MARGARET, AND Shannon, Reaner. A study of blood coagulation parameters, 108

Newton, Charles W., III (see Anderson et al.), 376

NICKERSON, K. G. (see HONORÉ AND NICKERSON), 870

NICOLIS, G. L. (see GABRILOVE, NICOLIS, AND MITTY), 180

NISWANDER, KENNETH (see AMBRUS ET AL.), 1057

NOLAN, JAMES F. (see FUTORAN AND NOLAN), 790

NORTHROP, GRETAJO (see FADEL, NORTHROP, AND MISENHIMER), 640 NORTHRUP, B. (see ROLLAND ET AL.), 1152

NUBAR, JEAN (SEE SCHEER AND NUBAR), 269

OBER, WILLIAM B. (see ABITBOL, DRISCOLL, AND OBER), 942 OBERLEAS, DONALD (see PRASAD ET AL.), 1063

OHM, MARILYN J., AND GALASK, RUDOLPH P. The effect of antibiotic prophylaxis on patients undergoing total abdominal hysterectomy. I. Effect on morbidity, 442

-. The effect of antibiotic prophylaxis on patients undergoing total abdominal hysterectomy. II. Alterations of microbial

flora, 448

OKINAGA, SHOICHI (see Arai, Yanaihara, and Okinaga), 1136 Omran, K. F. (see Hulka et al.), 1039

OPPERMAN, WERNER (see GUGLIUCCI ET AL.), 435

O'SULLIVAN, MARY J. (see GUGLIUCCI ET AL.), 435

OULLETTE, ROBERT (see FERNANDEZ-ROCHA AND OULLETTE), 1153

PAGE, ERNEST W., AND CHEISTIANSON, ROBERTA. The impact of mean arterial pressure in the middle trimester upon the outcome of pregnancy, 740

PAI, D. N. (see HULKA ET AL.), 1039

PALDI, E. (see BEN-ARYEH ET AL.), 871

PARK, I. JAMES (see Ju. PARK, AND JONES), 1155
PATRICK, J. E., DALTON, K. J., AND DAWES, G. S. Breathing patterns before death in fetal lambs, 73

Pearse, Warren H. Doctors and patients in obstetrics and gynecology: The next 15 years, 361

PENT, DAVID (see LOFFER AND PENT), 104

Peppler, Richard D. (see Dickey, Chihal, and Peppler), 976

Perez-Mesa, Carlos, and Spratt, John S., Jr. Scalene node biopsy in the pretreatment staging of carcinoma of the cervix uteri, 93

PERKINS, RICHARD P. The significance of glucose-6-phosphate dehydrogenase deficiency in pregnancy, 215

- (see IMIG AND PERKINS), 51

PERLMAN, M., POTASHNIK, G., AND WISE, S. Hydramnion and fetal renal anomalies, 966

PETRIE, ROY H. (see STORCH AND PETRIE), 1148

PHIBBS, G. (see TEW, HOLLIDAY, AND PHIBBS), 1151

PHILIPS, FLORENCE S. (see EDELMAN ET AL.), 188

PHILLIPS, JORDAN M., JR. (see HULKA ET AL.), 1039

Pion, Ronald J. (see Hale et al.), 805 Pitcock, James A. (see Ruch, Pitcock, and Ruch), 87 Plavidal, Ferdinand, and Werch, Angel. Fetal scalp abscess secondary to intrauterine monitoring, 65

POINDEXTER, ALLEN (see Soules et al.), 412

POLLACK, WILLIAM (See KEITH, BERGER, AND POLLACK), 502

POLLIN, PATRICIA (see LEDGER ET AL.), 677 POTASHNIK, G. (see PERLMAN, POTASHNIK, AND WISE), 966

PRASAD, ANANDA S., LEI, K. Y., MOGHISSI, KAMRAN S., STRYKER, JOANNE C., AND OBERLEAS, DONALD. Effect of oral contraceptives on nutrients. III. Vitamins B6, B12, and folic acid, 1063 PRATT-THOMAS, H. R. (see GARVIN ET AL.), 459

PRITCHARD, JACK A. (see DUENHOELTER AND PRITCHARD), 306

PROBST, RAYMOND E. (see BACKER AND PROBST), 346

PRUST, FRANK W., AND KUMAR, G. KRISHNA. Massive colonic bleeding and oral contraceptive "pills," 695

Pupkin, Marcos J., Nagey, David A., MacKenna, Jarlath, Schom-BERG, DAVID W., AND CRENSHAW, CARLYLE, JR. A physiologic model of the dehydroepiandrosterone to estrogen conversion system in the fetoplacental unit. II. Preliminary clinical application—The dehydroepiandrosterone loading test, 256

- (see NAGEY ET AL.), 249

RANNEVIK, GUNNAR (see JEPPSSON AND RANNEVIK), 484

RANNEY, BROOKS. Shadows or light? 283

RAYNAUD, JEAN-PIERRE (see AZADIAN-BOULANGER ET AL.), 1049

RAYNAULT, P. (see LEFEBVRE ET AL.), 609

REBAR, ROBERT W. (see Schreiber et al.), 705 Reich, Laurence A. (see Hale et al.), 805

RESNIK, ROBERT, KILLAM, ALLAN P., BARTON, M. DENNIS, BATTAGLIA. FREDERICK C., MAKOWSKI, EDGAR L., AND MESCHIA, GIACOMO. The effect of various vasoactive compounds upon the uterine vascular bed, 201

RICHART, RALPH M. (see FENOGLIO, FERENCZY, AND RICHART), 990 RICHMAN, DONNIE (see ACKER AND RICHMAN), 933

RIGATTO, HENRIQUE (see DE LA TORRE VERDUZCO, ROSARIO, AND RIGATTO), 668

RISEMBERG, HERMAN M. (see MULVIHILL ET AL.), 937

ROCHAT, ROGER W. The prevalence of cervical cancer screening in the United States in 1970, 478

RODDIE, I. C. (see BARWIN AND RODDIE), 921

- ROLLAND, R., SANTEN, R. J., HERMAN, S. P., AND NORTHRUP, B. Mechanism of suppression of gonadotropin levels in a patient with a prolactin-secreting adenoma: A longitudinal case study, 1152 (Comm. in brief)
- ROSARIO, ROSA (see DE LA TORRE VERDUZCO, ROSARIO, AND RIGATTO), 668

- ROSEN, MORTIMER G. (see CHIK ET AL.), 537, 541 ROSS, GRIFF T. (see SCHREIBER ET AL.), 705 RUBIO, C. A., AND THOMASSEN, P. A critical evaluation of the Schiller test in patients before conization, 96
- RUCH, ROBERT M., PITCOCK, JAMES A., AND RUCH, WALTER A., JR. Microinvasive carcinoma of the cervix, 87
- Ruch, Walter A., Jr. (see Ruch, Pitcock, and Ruch), 87 Rust, Jesse A., Botte, Joseph M., and Howlett, Ralph J. Prolapse of the vaginal vault, 768
- SACKS, T. (see MILLER ET AL.), 212
- SAKAKINI, JOSEPH, JR. (see Buster et al.), 672
- SAKIZ, EDOUARD (see AZADIAN-BOULANGER ET AL.), 1049
- SANDBERG, EUGENE C. Benign cervical and vaginal changes associated with exposure to stilbestrol in utero, 777
- SANDMIRE, HERBERT F., AUSTIN, STEPHEN D., AND BECHTEL, RICHARD C. Carcinoma of the cervix in oral contraceptive steroid and IUD users and nonusers, 339
- SANTEN, R. J. (see ROLLAND ET Al.), 1152
- SANTIAGO, GUILLERMO (See FUERTES-DE LA HABA, SANTIAGO, AND BANGDIWALA), 980
- SAUVAGE, JACQUES P. (see CRANE, SAUVAGE, AND ARIAS), 227 SCHALLY, ANDREW V. Some notes on the background of the isolation. determination of structure, synthesis, and early clinical trials of the luteinizing hormone— and follicle-stimulating hormone—releasing hormone, 1142 (Classic pages)
- SCHEER, KENNETH, AND NUBAR, JEAN. Variation of fetal presentation with gestational age, 269 (Comm. in brief)
- Schlievert, Patrick, Johnson, William, and Galask, Rudolph P.
 Bacterial growth inhibition by amniotic fluid. V. Phosphateto-zinc ratio as a predictor of bacterial growth-inhibitory activity, 899
- -, AND -. Bacterial growth inhibition by amniotic fluid. VI. Evidence for a zinc-peptide antibacterial system, 906
- SCHMIDT, E. H. (see BELLER ET AL.), 633
- SCHOMBERG, DAVID W. (see NAGEY ET AL.), 249
- (see Pupkin et al.), 256
- VON SCHOULTZ, B. (see DAMBER, VON SCHOULTZ, AND STIGBRAND), 565 (Comm. in brief)
- Schreiber, James R., Rebar, Robert W., Chen, Hao-Chia, Hodgen, GARY D., AND ROSS, GRIFF T. Limitation of the specific serum radioimmunoassay for human chorionic gonadotropin in the management of trophoblastic neoplasms, 705 (Current investigation)
- SCHULTZ, F. MICHAEL (see SCHWARZ ET AL.), 1089
- SCHWARTZ, D. (see BOYCE, MAYAUX, AND SCHWARTZ), 911
- SCHWARTZ, PETER E., AND SMITH, JULIAN P. Treatment of ovarian stromal tumors, 402
- SCHWARZ, BARRY E., SCHULTZ, F. MICHAEL, MACDONALD, PAUL C., AND JOHNSTON, JOHN M. Initiation of human parturition. IV Demonstration of phospholipase A2 in the lysosomes of human fetal membranes, 1089
- SCOTT, J. S. (see TAYLOR ET AL.), 528
- SCOTT, JAMES R., AND BEER, ALAN A. Immunologic aspects of preeclampsia, 418 (Current developments)
- SCRAGG, WILLIAM H. (see BUSTER ET AL.), 672
- SECCHI, JEAN (see AZADIAN-BOULANGER ET AL.), 1049
- SERUNIAN, SALLY A. (see MAN AND SERUNIAN), 949
 SESKI, JAN C., AND COMPTON, ALAN A. Abruptio placentae following a negative oxytocin challenge test, 276 (Comm. in brief)
- SHANNON, REANER (see NEWMAN ET AL.), 108
- SHEIKH, HAMID HUSSAIN, AND YUSSMAN, MARVIN A. Ruptured ectopic pregnancy after bilateral laparoscopic tubal fulguration, 569 (Comm. in brief)
- SIEGEL, EARL (see BERGER, GILLINGS, AND SIEGEL), 924
- SIITERI, P. K. (see MADDEN ET AL.), 915
- SILER, T. M. (see EHARA, SILER, AND YEN), 455
- Sirridge, Marjorie (see Newman et al.), 108 Sjöberg, Nils-Otto (see Bjerre et al.), 143
- SMITH, JULIAN P. (see DELGADO ET AL.), 691
- (see Schwartz and Smith), 402
- SMITH, M. L. (see WATRING ET AL.), 809

- SMYTHE, ALEXANDER R., II, UNDERWOOD, PAUL B., JR., AND KREUTNER, ALBERT, JR. Metastatic placental tumors: Report of three cases, 1149 (Comm. in brief)
- SÖDERBERG, HANNA (see BJERRE ET AL.), 143
- SOKOL, ROBERT J. (see ARTAL ET AL.), 655
- (see CHIK ET AL.), 537, 541
- SOLHEIM, JOAN SENZER (see LIGHT, SOLHEIM, AND HUNTER), 827
- Solish, George I. (see Chen, Mosesson, and Solish), 958 Soules, Michael R., Malinak, L. Russell, Bury, Robert, and POINDEXTER, ALLEN. Endometriosis and anovulation: A
 - coexisting problem in the infertile female, 412
- Spector, M. (see Garvin et al.), 459
 Spellacy, W. N., Buhi, W. C., and Birk, S. A. The effects of norgestrel on carbohydrate and lipid metabolism over one vear. 984
- (see Lin, Halbert, and Spellacy), 17
- SPICER, S. S. (see GARVIN ET AL.), 459
- SPRATT, JOHN S., Jr. (see Perez-Mesa and Spratt), 93 Staley, Kathryn (see Yuen, Wittmann, and Staley), 597
- STAUROVSKY, LINDA G., BRENNER, WILLIAM E., DINGFELDER, JAMES R., AND GRIMES, DAVID A. The effect of meperidine analgesia on midtrimester abortions induced with intra-amniotic prostaglandin F2a, 185
- (see DINGFELDER ET AL.), 821
- STIGBRAND, T. (see DAMBER, VON SCHOULTZ, AND STIGBRAND), 565 (Comm. in brief)
- STOJKOV, JEAN (see ARTAL ET AL.), 655
- STOKES, DENNIS C. (see MULVIHILL ET AL.), 937
- STONE, MARTIN L. (see GUGLIUCCI ET AL.), 435
- STORCH, MARC P., AND PETRIE, ROY H. Unilateral tubal twin gestation, 1148 (Comm. in brief)
- STRONG, IAMES D. (see CUNNINGHAM ET AL.), 881
- STRYKER, JOANNE C. (see PRASAD ET AL.), 1063
- STURTEVANT, F. M. (see EDGREN AND STURTEVANT), 1029
- SUGARMAN, ROBERT G. (see HALLMAN ET AL.), 613
- SYBULSKI, S., ASSWAD, A., AND MAUGHAN, G. B. Maternal estrogen levels in two pregnancies complicated by severe fetal growth retardation with congenital anomaly, 864 (Comm. in brief)
- AND MAUGHAN, G. B. Cortisol levels in umbilical cord plasma in relation to labor and delivery, 236
- SYNER, FRANK N. (see Moghissi, Syner, and Borin), 1044
- SZARGEL, R. (see BEN-ARYEH ET AL.), 871

- TAYLOR, PAMELA V., GOWLAND, G., HANCOCK, K. W., AND SCOTT, J. S. Effect of length of gestation on maternal cellular immunity to human trophoblast antigens, 528
- TEGENKAMP, I. E. (see TEGENKAMP, HUX, AND TEGENKAMP), 554
 TEGENKAMP, T. R., HUX, CHARLES, AND TEGENKAMP, I. W. A proposed system whereby a (colcemid-induced) S2 phase is responsible for the tetraploidy found in cultured human amniotic fluid cells, 554
- TEW, W. L., HOLLIDAY, R. L., AND PHIBBS, G. Perforated duodenal ulcer in pregnancy with double survival, 1151 (Comm. in brief) Thatcher, W. W. (see Caton et al..), 624
- THOMASSEN, P. (see RUBIO AND THOMASSEN), 96
- THOMPSON, D. W. (see DORAN ET AL.), 586
- THOMPSON, HORACE E. (see HAVERKAMP ET AL.), 310
- THOMSEN, RUSSEL J. Prophylactic antibiotics for vaginal surgery: A historical addendum, 270 (Comm. in brief)
- DE LA TORRE VERDUZCO, RAFAEL, ROSARIO, ROSA, AND RIGATTO, HENRIQUE. Hyaline membrane disease in twins, 668
- TOWNSEND, DUANE E. (see FORNEY ET AL.), 100
- TOWNSEND, LANCE (see Evans and Townsend), 321
- TRAUB, RENEE (see BOLOGNESE ET AL.), 525
- TREDWAY, DONALD R. (see MARCH, TREDWAY, AND MISHELL), 699
- TRIERWEILER, MICHAEL W., FREEMAN, ROGER K., AND JAMES, JEAN. Baseline fetal heart rate characteristics as an indicator of fetal status during the antepartum period, 618
- Tyler, Carl W., Jr. (see Kahn and Tyler), 83
- Tyrey, Lee, and Hammond, Charles B. The HCG-β-subunit radioimmunoassay: Potential error in HCG measurement related to choice of labeled antigen, 160
- Tyson, J. E., Austin, K., Farinholt, J., and Fiedler, J. Endocrinemetabolic response to acute starvation in human gestation,
- AND HOCK, R. ALAN. Gestational and pregestational diabetes: An approach to therapy, 1009 (Current developments)
- (see ZACUR ET AL.), 859

UMSTOT, E. S. (see Andersen et al.), 166 Underwood, Paul B., Jr. (see Smythe, Underwood, and Kreutner),

V

VERDONCK, L. (see VERMEULEN AND VERDONCK), 491 VERMEULEN, A., AND VERDONCK, L. Plasma androgen levels during the menstrual cycle, 491 VILHENA, MARIO M. (see NEVES-E-CASTRO ET AL.), 865

WALDEN, P. A. M., AND BAGSHAWE, K. D. Reproductive performance of women successfully treated for gestational trophoblastic tumors, 1108

WALKER, RALPH H. Requiem for private practice, 729 WALLACH, ROBERT C. (see BLINICK ET AL.), 135

WATRING, W. G., LAGASSE, L. D., SMITH, M. L., JOHNSON, G. H., MOORE, J. G., AND BERMAN, M. L. Vaginal reconstruction following extensive treatment for pelvic cancer, 809

WEIR, JAMES H. (see INGLIS AND WEIR), 1070 WENTZ, ANNE COLSTON, WHITE, ROBERT L., JR., MIGEON, CLAUDE J., HSU, TAH HSIUNG, BARNES, H. VERDAIN, AND JONES,

GEORGEANNA SEEGAR. Differential ovarian and adrenal vein catheterization, 1000

WERCH, ANGEL (see PLAVIDAL AND WERCH), 65 WHALLEY, PEGGY J. (see CUNNINGHAM ET AL.), 881 - (see Duenhoelter, Whalley, and MacDonald), 889

WHETHAM, J. C. G., MUGGAH, H., AND DAVIDSON, S. Assessment of intrauterine growth retardation by diagnostic ultrasound, 577

WHYBREW, W. D. (see MORRISON ET AL.), 1085

WILEY, CLAYTON A., AND ESTERLY, JOHN R. Observations on the human corpus luteum: Histochemical changes during development and involution, 514

WILLIAMS, PRESTON P. (see BENDEL, WILLIAMS, AND BUTLER), 328 WILLIAMSON, H. O. (see GARVIN ET AL.), 459 WISE, S. (see PERLMAN, POTASHNIK, AND WISE), 966 WISER, W. L. (see Anderson et al.), 166 (see Morrison et al.), 1085 WITTMANN, BERND (see YUEN, WITTMANN, AND STALEY), 597 WOLTER, DAVID F. Patterns of management with breech presentation,

YAMAGUCHI, HISAO (see MORISADA, YAMAGUCHI, AND IIZUKA), 3 YANAIHARA, TAKUMI (see ARAI, YANAIHARA, AND OKINAGA), 1136 YARBROUGH, CHARLES (see LECHTIG ET AL.), 25 YEN, S. S. C. (see EHARA, SILER, AND YEN), 455 - (see Leblanc, Anderson, and Yen), 708 YODER, J. M. (see JOHNSON, YODER, AND ADAMS), 45 YOUNG, PETER C. M., EHRLICH, CLARENCE E., AND CLEARY, ROBERT E.

Progesterone binding in human endometrial carcinomas, 353 Young, Philip E., Matson, Melinda R., and Jones, Oliver W Amniocentesis for antenatal diagnosis, 495 Yuen, Basil Ho, Wittmann, Bernd, and Staley, Kathryn. Cyclic adenosine 3',5'-monophosphate (cAMP) in pregnancy body

fluids during normal and abnormal pregnancy, 597

YUSSMAN, MARVIN A. (see SHEIKH AND YUSSMAN), 569 (Comm. in brief)

Zacur, H. A., Chapanis, N. P., Lake, C. R., Ziegler, M., and Tyson, J. E. Galactorrhea-amenorrhea: Psychological interaction with neuroendocrine function, 859 (Current investigation)

ZIEGLER, M. (see ZACUR ET AL.), 859

WOOD, CARL (see CHANG AND WOOD), 61

ZYLBERBERG, B. A new apparatus for the Douglas cul-de-sac puncture in ambulatory patients, 271 (Comm. in brief)

Subject index*

A2, phospholipase, demonstration of, in lysosomes of human fetal membranes, IV. Initiation of human parturition (Schwarz et al.), 1089

Abdominal hysterectomy, total, effect of antibiotic prophylaxis on patients undergoing. I. Effect on morbidity (Ohm and Galask), 442

II. Alterations of microbial flora (Ohm and Galask), 448 Abdominometry, ultrasonic, estimation of fetal weight by (Kurjak and

Brever), 962 Abortions, midtrimester, comparative study of intra-amniotic saline and two prostaglandin F20 dose schedules for (Edelman et

al.), 188 induced with intra-amniotic prostaglandin $F_{2\alpha}$, meperidine analgesia on (Staurovsky et al.), 185

intra-amniotic administration of 15(S)-15-methyl-prostaglandin $F_{2\alpha}$ for induction of (Dingfelder et al.), 821

recurrent spontaneous, depressed mixed lymphocyte culture reactivity in mothers with (Lauritsen, Kristensen, and Grunnet),

therapeutic, in second trimester, gonadotropin response after administration of LH/FSH-releasing hormone (LRH) during pregnancy and after, studies on (Jeppsson and Rannevik),

Abortuses, culturability of fibroblasts from skin of, after intra-amniotic instillation of urea or prostaglandin (Ju, Park, and Jones), 1155 (Comm. in brief)

Abruptio placentae following negative oxytocin challenge test (Seski and Compton), 276 (Comm. in brief)

Abscess, fetal scalp, secondary to intrauterine monitoring (Plavidal and Werch), 65

mycotic tubo-ovarian, associated with intrarterine device (Kostelnik and Fremount), 272 (Comm. in brief)

Acid-base balance, fetal. I. Interdependence of maternal and fetal Pco_2 and bicarbonate concentration (Chang and Wood), 61 folic, vitamins $B_\alpha,\ B_{12},\ and,\ III.$ Effect of oral contraceptives on nutrients (Prasad et al.), 1063

Addiction, drug, in pregnancy and neonate (Blinick et al.), 135 (Clinical opinion)

Adenocarcinoma, endometrial cytologic diagnosis of (Anderson et al.), 376

Adenoma, prolactin-secreting, mechanism of suppression of gonadotropin levels in patient with: Longitudinal case study (Rolland et al.), 1152 (Comm. in brief)

virilizing adrenocortical, studied by selective adrenal venography (Gabrilove, Nicolis, and Mitty), 180

Adenosine 3', 5'-monophosphate (cAMP), cyclic, in pregnancy body fluids during normal and abnormal pregnancy (Yuen, Wittmann, and Staley), 597

Adrenal vein catheterization, ovarian and, differential (Wentz et al.), 1000

venography, selective, virilizing adrenocortical adenoma studied by (Gabrilove, Nicolis, and Mitty), 180

Adrenocortical adenoma, virilizing, studied by selective adrenal venography (Gabrilove, Nicolis, and Mitty), 180

Adrenocorticotropic hormone in human fetal blood at delivery (Arai, Yanaihara, and Okinaga), 1136

Age, gestational, serum unconjugated estriol levels in third trimester and relationship to (Buster et al.), 672

variation of fetal presentation with (Scheer and Nubar), 269 (Comm. in brief) I year of, patterns in infants who were neurologically abnor al at,

II. Computer interpreted fetal electroencephalogram (Chik et al.), 541

parity and, influence of, I. Studies on blood pressure during pregnancy (Christianson), 509

Stage I carcinoma of uterine cervix in patients under 40 years of (Futoran and Nolan), 790

Alcohol syndrome, fetal: Seven new cases (Mulvihill et al.), 937

Alkaline phosphatase, I. Cyclic changes of cervical mucus enzymes related to time of ovulation (Moghissi, Syner, and Borin),

Ambulatory patients, new apparatus for Douglas cul-de-sac puncture in (Zylberberg), 271 (Comm. in brief)

Amenorrhea, galactorrhea: Psychological interaction with neuroen-docrine function (Zacur et al.), 859 (Current investigation) secondary, pituitary tumors in patients with (Haesslein and Lamb),

Amniocentesis for antenatal diagnosis (Young, Matson, and Jones), 495

Amniotic fluid analysis in Rh-sensitized pregnancies (Duhring, Mc-Kean, and Hager), 368

bacterial growth inhibition by. V. Phosphate-to-zinc ratio as predictor of bacterial growth-inhibitory activity (Schlievert, Johnson, and Galask), 899

VI. Evidence for zinc-peptide antibacterial system (Schlievert,

Johnson, and Galask), 906 cells, cultured human, proposed system whereby (colcemidinduced) S2 phase is responsible for tetraploidy found in (Tegenkamp, Hux, and Tegenkamp), 554

identification of cold-insoluble globulin of plasma in (Chen, Mosesson, and Solish), 958

inspired near term by human and rhesus fetuses, quantitative measurements of: Fetal respiration (Duenhoelter and Pritchard), 306

L/S ratio, fetal lung lecithin metabolism and, in rhesus monkey

gestations (Epstein, Farrell, and Chez), 545 phosphatidylinositol and phosphatidylglycerol in: Indices of lung maturity (Hallman et al.), 613

studies on antimicrobial activity of (Miller et al.), 212

tests for fetal maturity in normal and abnormal pregnancies (Doran et al.), 586

Anaerobic organisms, use of prereduced media and portable jar for collection of, from clinical sites of infection (Ledger et al.),

- Analgesia, meperidine, effect of, on midtrimester abortions induced with intra-amniotic prostaglandin F_{2α} (Staurovsky et al.), 185
- Androgen levels, plasma, during menstrual cycle (Vermeulen and Verdonck), 491
- Androgenic polycystic ovary (Greenblatt and Mahesh), 712 (Current developments)
- Anemia, sickle-cell, fluctuation of fetal hemoglobin in (Morrison et al.), 1085
- Anesthesia, epidural, effect of, on uterine activity and blood pressure (Matadial and Cibils), 846
- Anomaly (anomalies), congenital, maternal estrogen levels in two pregnancies complicated by severe fetal growth retardation with (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)
- fetal renal, hydramnion and (Perlman, Potashnik, and Wise), 966 Anovulation, endometriosis and: Coexisting problem in infertile female (Soules et al.), 412
- Antenatal diagnosis, amniocentesis for (Young, Matson, and Jones), 495
- Antepartum period, baseline fetal heart rate characteristics as indicator of fetal status during (Trierweiler, Freeman, and lames), 618
- Antibacterial system, zinc-peptide, evidence for, VI. Bacterial growth inhibition by amniotic fluid (Schlievert, Johnson, and Galask), 906
- Antibiotic(s), prophylactic, after vaginal hysterectomy, value of (Boyd and Garceau), 581
 - for vaginal surgery: Historical addendum (Thomsen), 270 (Comm. in brief)
- prophylaxis, effect of, on patients undergoing total abdominal hysterectomy. I. Effect on morbidity (Ohm and Galask),
- II. Alterations of microbial flora (Ohm and Galask), 448 Antigen(s), human trophoblast, effect of length of gestation on mater-
- nal cellular immunity to (Taylor et al.), 528 labeled, potential error in HCG measurement related to choice of: HCG-β-subunit radioimmunoassay (Tyrey and Ham-
- mond), 160 thermostable, associated with ovarian cancer (Burton, Hope, and
- Lubbers), 472 Antimicrobial activity of amniotic fluid, studies on (Miller et al.), 212 Antinauseant drugs, certain, evaluation of teratogenicity of (Milkovich
- and van den Berg), 244 Antiserum, specific, assay of estriol-16α-(β-D-glucuronide) in pregnancy urine with (DiPietro), 841
- Arterial pressure, mean, in middle trimester, impact of, upon outcome of pregnancy (Page and Christianson), 740
- Aspiration, endometrial, in fertility control (Bendel, Williams, and Butler), 328
- Assay of estriol-16α-(β-D-glucuronide) in pregnancy urine with specific antiserum (DiPietro), 841
- Attenuated rubella virus, susceptibility of postpartum and postabortal cervix and uterine cavity to infection with (Bolognese et al.),

- B-mode ultrasound, diagnosis of rectus sheath hematoma by: Case report (Hamilton et al.), 562 (Comm. in brief)
- B6 and B12, vitamins, and folic acid, III. Effect of oral contraceptives on nutrients (Prasad et al.), 1063
- B12, vitamins B8 and, and folic acid, III. Effect of oral contraceptives on nutrients (Prasad et al.), 1063
- Bacterial growth inhibition by amniotic fluid. V. Phosphate-to-zinc ratio as predictor of bacterial growth-inhibitory activity (Schlievert, Johnson, and Galask), 899
 - VI. Evidence for zinc-peptide antibacterial system (Schlievert, Johnson, and Galask), 906
- Balance, automatic, for fetal weight studies (Abrams et al.), 660 fetal acid-base. I. Interdependence of maternal and fetal Pco2 and
- bicarbonate concentration (Chang and Wood), 61 Benign cervical and vaginal changes associated with exposure to
- stilbestrol in utero (Sandberg), 777 β-subunit, HCG-, radioimmunoassay: Potential error in HCG measurement related to choice of labeled antigen (Tyrey and Hammond), 160

- Bicarbonate concentration, maternal and fetal Pco2 and, interdependence of, I. Fetal acid-base balance (Chang and Wood), 61
- Binding capacity of plasma testosterone-estradiol-binding globulin, response of, to norethindrone, 2 mg., and mestranol, 0.1 mg., in polycystic ovarian disease (Andersen et al.), 166
- progesterone, in human endometrial carcinomas (Young, Ehrlich, and Cleary), 353
- Biologic changes, maternal, fetal, and intra-amniotic hormonal and, resulting from single dose of hydrocortisone injected in intra-amniotic compartment (Lefebvre et al.), 609
- Biopsy, endometrial suction: Appraisal of new instrument (Inglis and Weir), 1070
 - scalene node, in pretreatment staging of carcinoma of cervix uteri (Perez-Mesa and Spratt), 93
- Birth defects prevention clinic, regionalization of (Acker and Richman), 933
- weight, low, simple assessment of risk of, to select women for nutritional intervention (Lechtig et al.), 25 Black woman, endometriosis in (Chatman), 987
- Bladder, canine, electromyographic and pressure studies in (Beck et al.), 603
- Bleeding, fetal: Unusual complication of fetal monitoring (Fernandez-Rocha and Oullette), 1153 (Comm. in brief)
- massive colonic, and oral contraceptive "pills" (Prust and Kumar), 695
- Block, post-paracervical, bradycardia: Prediction and preventability (Goodlin, Crocker, and Haesslein), 665
- Blood coagulation parameters, study of (Newman et al.), 108 progestational agents and VII. Thromboembolic and other complications of oral contraceptive therapy in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study (Ambrus et al.), 1057
- flow, placental, relationship of metabolic clearance rate of dehydroisoandrosterone sulfate to: Mathematical model (Clewell and Meschia), 507
- uterine, oxygen consumption, and maternal plasma estradiol and progestins following fetal death (Caton et al.), 624
- human fetal, adrenocorticotropic hormone in, at delivery (Arai, Yanaihara, and Okinaga), 1136
- pressure, studies on, during pregnancy. I. Influence of parity and age (Christianson), 509
- uterine activity and, effect of epidural anesthesia on (Matadial and Cibils), 846
- Rh-positive, transfusion of, into Rh-negative women (Keith, Berger, and Pollack), 502
- Body fluids, pregnancy, cyclic adenosine 3',5'-monophosphate (cAMP) in, during normal and abnormal pregnancy (Yuen, Wittmann, and Staley), 597
- Books received, 880, 1160
- Bradycardia, post-paracervical block: Prediction and preventability (Goodlin, Crocker, and Haesslein), 665 Breathing movements in human fetus (Mantell), 550
- patterns before death in fetal lambs (Patrick, Dalton, and Dawes), 73 Breech presentation, patterns of management with (Wolter), 733

- California, maternal deaths in, from 1967 to 1971 (Coppes and Messer), 393
- cAMP (cyclic adenosine 3', 5'-monophosphate) in pregnancy body fluids during normal and abnormal pregnancy (Yuen, Wittmann, and Staley), 597
- Cancer, ovarian, thermostable antigen associated with (Burton, Hope, and Lubbers), 472
 - pelvic, vaginal reconstruction following extensive treatment for (Watring et al.), 809
 - screening, cervical, prevalence of, in United States in 1970 (Rochat), 478
- Cannula, flexible suction, histopathologic evaluation of uteri curetted by (Hale et al.), 805
- Carbohydrate and lipid metabolism, effects of norgestrel on, over one year (Spellacy, Buhi, and Birk), 984
- Carcinoma(s) of cervix in oral contraceptive steroid and IUD users and nonusers (Sandmire, Austin, and Bechtel), 339 prevention of (Coppleson and Brown), 153
 - uteri, scalene node biopsy in pretreatment staging of (Perez-Mesa and Spratt), 93

Carcinoma(s)-Cont'd

human endometrial, progesterone binding in (Young, Ehrlich, and

microinvasive, of cervix (Ruch, Pitcock, and Ruch), 87

squamous-cell, of vulva (Jafari and Cartnick), 274 (Comm. in brief)

primary, of Fallopian tube (Kinzel), 816

in situ of uterine cervix, conization as only treatment of (Bjerre et

Stage I, of uterine cervix in patients under 40 years of age (Futoran and Nolan), 790 Catheterization, differential ovarian and adrenal vein (Wentz et al.),

Cell(s), cultured human amniotic fluid, proposed system whereby

(colcemid-induced) S2 phase is responsible for tetraploidy found in (Tegenkamp, Hux, and Tegenkamp), 554 human uterine smooth muscle, ultrastructural observations of, dur-

ing gestation (Dessouky), 1099 reticulum-, sarcoma of cervix (Delgado et al.), 691

sickle-, anemia, fluctuation of fetal hemoglobin in (Morrison et al.),

squamous-, carcinoma, microinvasive, of vulva (Jafari and Cartnick), 274 (Comm. in brief)

Cellular immunity, maternal, to human trophoblast antigens, effect of length of gestation on (Taylor et al.), 528

Central Association of Obstetricians and Gynecologists, transactions, forty-third annual meeting, 283-417 Cephalosporin prophylaxis, impact of, on conization-vaginal hysterec-

tomy morbidity (Forney et al.), 100 Cervical cancer screening, prevalence of, in United States in 1970

(Rochat), 478 mucus enzymes, cyclic changes of, related to time of ovulation. I. Alkaline phosphatase (Moghissi, Syner, and Borin), 1044

and vaginal changes, benign, associated with exposure to stilbestrol in utero (Sandberg), 777

Cervix, carcinoma of, in oral contraceptive steroid and IUD users and nonusers (Sandmire, Austin, and Bechtel), 339 microinvasive carcinoma of (Ruch, Pitcock, and Ruch), 87

prevention of carcinoma of (Coppleson and Brown), 153 reticulum-cell sarcoma of (Delgado et al.), 691

uteri, carcinoma of, scalene node biopsy in pretreatment staging of (Perez-Mesa and Spratt), 93

uterine, carcinoma in situ of, conization as only treatment of (Bjerre et al.), 143

cavity, postpartum and postabortal, susceptibility of, to infection with attenuated rubella virus (Bolognese et al.), 525

Stage I carcinoma of, in patients under 40 years of age (Futoran and Nolan), 790

Cesarean section, changing trends in (Hibbard), 798

extraperitoneal: New need for old skills (Imig and Perkins), 51 Children of insulin-requiring diabetic patients, absolute neonatal insu-

lin levels in (Martin), 71 Chorionic gonadotropin (HCG), human, -β-subunit radioimmunoassay: Potential error in HCG measurement related to choice of labeled antigen (Tyrey and Hammond), 160

human, limitation of specific serum radioimmunoassay for, in management of trophoblastic neoplasms (Schreiber et al.), 705 (Current investigation)

somatomammotropin, human, rapid, flow-through column radioimmunoassay for (Johnson, Yoder, and Adams), 45 Circulating maternal serum progesterone in high-risk pregnancies

(Dawood), 832 Circulation, fetoplacental, sampling. I. Pregnant ovine (Morris et al.),

1121

Citrate, clomiphene, effect of, upon amount and duration of human menopausal gonadotropin therapy (March, Tredway, and Mishell), 699

Classic pages, 115, 263, 428, 561, 711, 863, 1008, 1141-1147

Clearance rate, metabolic, of dehydroisoandrosterone sulfate, relationship of, to placental blood flow: Mathematical model (Clewell and Meschia), 507

Clinic, birth defects prevention, regionalization of (Acker and Richman), 933

Clinical application, preliminary—Dehydroepiandrosterone loading test, II. Physiologic model of dehydroepiandrosterone to estrogen conversion system in fetoplacental unit (Pupkin et al.), 256

opinion, 135-142, 431-441, 1029-1038

Clinical-Cont'd

-pathologic entity: Parametrial phlebectasia (Hanzlik and Leissring), 431 (Clinical opinion)

significance of fetal heart rate patterns during labor. I. Baseline patterns (Cibils), 290

sites of infection, use of prereduced media and portable jar for collection of anaerobic organisms from (Ledger et al.), 677 trials, early, isolation, determination of structure, and synthesis of

luteinizing hormone- and follicle-stimulating hormonereleasing hormone, some notes on background of (Schally), 1142 (Classic pages)

Clip sterilization, spring: One-year follow-up of 1,079 cases (Hulka et al.), 1039

Clomiphene citrate, effect of, upon amount and duration of human menopausal gonadotropin therapy (March, Tredway, and Mishell), 699

Coagulation, blood, progestational agents and. VII. Thromboembolic and other complications of oral contraceptive therapy in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study (Ambrus et al.),

parameters, blood, study of (Newman et al.), 108

Colcemid-induced S2 phase is responsible for tetraploidy found in cultured human amniotic fluid cells, proposed system whereby (Tegenkamp, Hux, and Tegenkamp), 554

Cold-insoluble globulin of plasma, identification of, in amniotic fluid (Chen, Mosesson, and Solish), 958

Colonic bleeding, massive, and oral contraceptive "pills" (Prust and Kumar), 695

Column radioimmunoassay, rapid, flow-through, for human chorionic somatomammotropin (Johnson, Yoder, and Adams), 45 Communications in brief, 264-276, 562-570, 864-874, 1148-1155

Community, isolated, incidence of infections associated with intrauterine contraceptive device in (Mead, Beecham, and Maeck), 79

Complicated, two pregnancies, by severe fetal growth retardation with congenital anomaly, maternal estrogen levels in (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)

Complication(s), thromboembolic and other, of oral contraceptive therapy in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study, VII. Progestational agents and blood coagulation (Ambrus et al.), 1057

unusual, of fetal monitoring: Fetal bleeding (Fernandez-Rocha and Oullette), 1153 (Comm. in brief)

Compounds, various vasoactive, effect of, upon uterine vascular bed (Resnik et al.), 201

Computer interpreted fetal electroencephalogram. I. Relative frequency of patterns (Chik et al.), 537

II. Patterns in infants who were neurologically abnormal at 1 year of age (Chik et al.), 541 Concentration(s), bicarbonate, maternal and fetal Pco2 and, interde-

pendence of, I. Fetal acid-base balance (Chang and Wood), 61 of four pregnancy-associated plasma proteins at term in normal gestation, relation of obstetric parameters to (Lin, Halbert, and Spellacy), 17

Congenital anomaly, maternal estrogen levels in two pregnancies complicated by severe fetal growth retardation with (Sybulski, Asswad, and Maughan), 864 (Comm. in brief) Congestion, graded venous, venous distensibility during pregnancy

determined by (Barwin and Roddie), 921 Conization, critical evaluation of Schiller test in patients before (Rubio

and Thomassen), 96 as only treatment of carcinoma in situ of uterine cervix (Bjerre et

al.). 143 -vaginal hysterectomy morbidity, impact of cephalosporin prophylaxis on (Forney et al.), 100

Contraception, intrauterine, demonstration of gonadotropin during second half of cycle in women using (Beling, Cederqvist, and Fuchs), 855 (Current investigation)

Contraceptive(s) device, intrauterine, incidence of infections associated with, in isolated community (Mead, Beecham, and Maeck),

-related disorders, association between Dalkon Shield and complicated pregnancies among women hospitalized for (Kahn and Tyler), 83

oral, effect of, on nutrients. III. Vitamins B6, B12, and folic acid (Prasad et al.), 1063

Contraceptive(s), oral-Cont'd

potencies of (Edgren and Sturtevant), 1029 (Clinical opinion) 'pills," oral, massive colonic bleeding and (Prust and Kumar), 695 (R 2323), midcycle, action of, on human endometrium (Azadian-Boulanger et al.), 1049

steroid, oral, and IUD users and nonusers, carcinoma of cervix in

(Sandmire, Austin, and Bechtel), 339

therapy, oral, thromboembolic and other complications of, in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study, VII. Progestational agents and blood coagulation (Ambrus et al.), 1057

three new low-dose oral, estrogen potencies of (Dickey, Chihal, and Peppler), 976

users, oral and nonoral, measured intelligence in offspring of (Fuertes-de la Haba, Santiago, and Bangdiwala), 980

Copper, influence of, on in vitro motility of human Fallopian tube (Larsson, Ljung, and Hamberger), 682

Cord, umbilical, plasma, cortisol levels in, and development of respiratory distress syndrome in premature newborn infants, relationship between (Sybulski and Maughan), 239

in relation to labor and delivery (Sybulski and Maughan), 236 Corpus luteum, human, observations on: Histochemical changes during development and involution (Wiley and Esterly), 514

Correspondence, 277-282, 571-576, 875-879, 1156-1159

Cortisol levels in umbilical cord plasma and development of respiratory distress syndrome in premature newborn infants, relationship between (Sybulski and Maughan), 239

in relation to labor and delivery (Sybulski and Maughan), 236 Cul-de-sac puncture, Douglas, in ambulatory patients, new apparatus for (Zylberberg), 271 (Comm. in brief)

Culturability of fibroblasts from skin of abortuses after intra-amniotic instillation of urea or prostaglandin (Ju, Park, and Jones), 1155 (Comm. in brief)

Culture reactivity, depressed mixed lymphocyte, in mothers with recurrent spontaneous abortion (Lauritsen, Kristensen, and Grunnet), 35

Cultured human amniotic fluid cells, proposed system whereby (colcemid-induced) S2 phase is responsible for tetraploidy found in (Tegenkamp, Hux, and Tegenkamp), 554

Curetted, uteri, by flexible suction cannula, histopathologic evaluation of (Hale et al.), 805

Current developments, 116-133, 418-427, 712-726, 1009-1027 investigation, 705-710, 855-862

Cycle, demonstration of gonadotropin during second half of, in women using intrauterine contraception (Beling, Ceder-qvist, and Fuchs), 855 (Current investigation)

menstrual, plasma androgen levels during (Vermeulen and Ver-

donck), 491

Cyclic adenosine 3', 5'-monophosphate (cAMP) in pregnancy body fluids during normal and abnormal pregnancy (Yuen, Wittmann, and Staley), 597

changes of cervical mucus enzymes related to time of ovulation. I. Alkaline phosphatase (Moghissi, Syner, and Borin), 1044

Cyst, paramesonephric, of parovarium, papillary serous cystadenoma arising in (Honoré and Nickerson), 870 (Comm. in brief)

Cystadenocarcinomas, mucinous, ultrastructural features of, II.

Mucinous tumors of ovary (Fenoglio, Ferenczy, and Richart), 990

Cystadenoma, papillary serous, arising in paramesonephric cyst of parovarium (Honoré and Nickerson), 870 (Comm. in brief) Cytologic diagnosis of endometrial adenocarcinoma (Anderson et al.),

D, vitamin, metabolism, perinatal. III. Factors influencing late gestational human serum 25-hydroxyvitamin D (Hillman and Haddad), 196

Dalkon Shield and complicated pregnancies among women hospitalized for intrauterine contraceptive device-related disorders, association between (Kahn and Tyler), 83

Death(s), breathing patterns before, in fetal lambs, (Patrick, Dalton, and Dawes), 73

fetal, uterine blood flow, oxygen consumption, and maternal plasma estradiol and progestins following (Caton et al.), 624

maternal, in California from 1967 to 1971 (Coppes and Messer), 393 due to spontaneous subarachnoid hemorrhage (Barno and Freeman), 384

Death(s)-Cont'd

obstetric, of Mary Wollstonecraft (Kaiser), 1 (Guest editorial)

Deceleration injury, in utero traumatic intra-abdominal, to fetus-Case report (Connor and Curran), 567 (Comm. in brief) Defects prevention clinic, birth, regionalization of (Acker and

Richman), 933 Dehydroepiandrosterone to estrogen conversion system in fetoplacental unit, physiologic model of. I. Development (Nagey et al.), 249

II. Preliminary clinical application-Dehydroepiandrosterone leading test (Pupkin et al.), 256

Dehydrogenase, glucose-6-phosphate, deficiency in pregnancy, significance of (Perkins), 215

Dehydroisoandrosterone sulfate, maternal plasma, pattern and rates of metabolism of, in human pregnancy (Madden et al.), 915 relationship of metabolic clearance rate of, to placental blood flow: Mathematical model (Clewell and Meschia), 507

Delivery, adrenocorticotropic hormone in human fetal blood at (Arai, Yanaihara, and Okinaga), 1136

labor and, cortisol levels in umbilical cord plasma in relation to (Sybulski and Maughan), 236

pregnancy and, satisfaction with medical care during (Light, Sol-

heim, and Hunter), 827 time of gravidas with fetus considered at high risk, analysis of utility of plasma immunoreactive estrogen measurements in determining (Duenhoelter, Whalley, and MacDonald), 889

Depressed mixed lymphocyte culture reactivity in mothers with recurrent spontaneous abortion (Lauritsen, Kristensen, and Grunnet), 35

Detrusor overactivity incontinence of urine, results in treating 210 patients with (Beck, Arnusch, and King), 593

Device(s), intrauterine contraceptive, incidence of infections associated with, in isolated community (Mead, Beecham, and Maeck), 79

-related disorders, association between Dalkon Shield and complicated pregnancies among women hospitalized for (Kahn and Tyler), 83

ectopic pregnancy associated with: Study of seventy cases (Hallatt),

mycotic tubo-ovarian abscess associated with (Kostelnik and Fremount), 272 (Comm. in brief)

TCu-200 intrauterine, ultrastructural studies on endometrium of women wearing, by means of transmission and scanning electron microscopy and x-ray dispersive (González-Angulo and Aznar-Ramos), 170

Diabetes, gestational and pregestational: Approach to therapy (Tyson and Hock), 1009 (Current developments)

mellitus, remission of, during pregnancy (Gabbe, Dizerega, and Mestman), 264 (Comm. in brief) Diabetic patients, insulin-requiring, absolute neonatal insulin levels in

children of (Martin), 71 pregnant, intensive care of (Gugliucci et al.), 435 (Clinical opinion)

Diagnosis, antenatal, amniocentesis for (Young, Matson, and Jones), 495

cytologic, of endometrial adenocarcinoma (Anderson et al.), 376 of rectus sheath hematoma by B-mode ultrasound: Case report (Hamilton et al.), 562 (Comm. in brief)

Diagnostic laparoscopy: Prognostic aid in surgical management of infertility (Israel and March), 969 ultrasound, assessment of intrauterine growth retardation by

(Whetham, Muggah, and Davidson), 577 Disease(s), hyaline membrane, in twins (de la Torre Verduzco, Rosario, and Rigatto), 668

polycystic ovarian, response of binding capacity of plasma tes-tosterone-estradiol-binding globulin to norethindrone, 2

mg., and mestranol, 0.1 mg., in (Andersen et al.), 166 sexually transmissible (Evans), 116 (Current developments) Dispersive analysis, x-ray, transmission and scanning electron micros-

copy and, ultrastructural studies on endometrium of women wearing TCu-200 intrauterine devices by means of (González-Angulo and Aznar-Ramos), 170

Disseminated herpesvirus infection of neonate, experimental model for (Amstey and Kobos), 40

Distensibility, venous, during pregnancy determined by graded venous congestion (Barwin and Roddie), 921

Distress, respiratory, syndrome, relationship between cortisol levels in umbilical cord plasma and development of, in premature newborn infants (Sybulski and Maughan), 239

- Doctors and patients in obstetrics and gynecology: Next 15 years (Pearse), 361
- Douglas cul-de-sac puncture in ambulatory patients, new apparatus for (Zylberberg), 271 (Comm. in brief)
- Drug(s) addiction in pregnancy and neonate (Blinick et al.), 135 (Clinical opinion)
- certain antinauseant, evaluation of teratogenicity of (Milkovich and van den Berg), 244
- Duodenal ulcer, perforated, in pregnancy with double survival (Tew, Holliday, and Phibbs), 1151 (Comm. in brief)

- E2, oral prostaglandin, induction of labor with (Gabert, Brinton, and Brown), 333
 - for labor induction in high-risk pregnancy (Cunningham et al.), 881
- Ectopic pregnancy associated with intrauterine device: Study of seventy cases (Hallatt), 754
 - ruptured, after bilateral laparoscopic tubal fulguration (Sheikh and Yussman), 569 (Comm. in brief)
- Electroencephalogram, computer interpreted fetal. I. Relative frequency of patterns (Chik et al.), 537 II. Patterns in infants who were neurologically abnormal at 1
- year of age (Chik et al.), 541 Electromagnetic methods, instantaneous fetal heart rate monitoring by
- (Hukkinen et al.), 1115
- Electromyographic and pressure studies in canine bladder (Beck et al.), 603
- Electron microscopy, transmission and scanning, and x-ray dispersive analysis, ultrastructural studies on endometrium of women wearing TCu-200 intrauterine devices by means of (González-Angulo and Aznar-Ramos), 170
- Endocrine-metabolic response to acute starvation in human gestation (Tyson et al.), 1073
- Endometrial adenocarcinoma, cytologic diagnosis of (Anderson et al.), 376
- aspiration in fertility control (Bendel, Williams, and Butler), 328 carcinomas, human, progesterone binding in (Young, Ehrlich, and Cleary), 353
- suction biopsy: Appraisal of new instrument (Inglis and Weir), 1070 Endometriosis and anovulation: Coexisting problem in infertile female (Soules et al.), 412
 - in black woman (Chatman), 987
- rectovaginal: Isolated enigma (March and Israel), 274 (Comm. in brief)
- Endometrium, human, action of midcycle contraceptive (R 2323) on (Azadian-Boulanger et al.), 1049 of women wearing TCu-200 intrauterine devices, ultrastructural
 - studies on, by means of transmission and scanning electron microscopy and x-ray dispersive analysis (González-Angulo and Aznar-Ramos), 170
- Enzymes, cervical mucus, cyclic changes of, related to time of ovulation. I. Alkaline phosphatase (Moghissi, Syner, and Borin), 1044
- Epidural anesthesia, effect of, on uterine activity and blood pressure (Matadial and Cibils), 846
- Erythroblastosis, phagocytosis and. I. Modification of neonatal response by promethazine hydrochloride (Gusdon et al.), 224
- Estradiol and progestins, maternal plasma, uterine blood flow, and oxygen consumption following fetal death (Caton et al.), 624
- testosterone-, -binding globulin, plasma, response of binding capacity of, to norethindrone, 2 mg., and mestranol, 0.1 mg., in polycystic ovarian disease (Andersen et al.), 166
- Estriol levels, serum unconjugated, in third trimester and relationship to gestational age (Buster et al.), 672
- -16α-(β-D-glucuronide) in pregnancy urine, assay of, with specific antiserum (DiPietro), 841
- Estrogen, dehydroepiandrosterone to, conversion system in fetoplacental unit, physiologic model of. I. Development (Nagey et
 - II. Preliminary clinical application-Dehydroepiandrosterone loading test (Pupkin et al.), 256
- effects of large doses of, on prolactin and growth hormone release (Ehara, Siler, and Yen), 455
- levels, maternal, in two pregnancies complicated by severe fetal growth retardation with congenital anomaly (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)

- Estrogen-Cont'd
- measurements, plasma immunoreactive, analysis of utility of, in determining delivery time of gravidas with fetus considered at high risk (Duenhoelter, Whalley, and MacDonald), 889
- potencies of three new low-dose oral contraceptives (Dickey, Chihal, and Peppler), 976
- Extraperitoneal cesarean section: New need for old skills (Imig and Perkins), 51

- F₂₀, prostaglandin, dose schedules, two, intra-amniotic saline and, comparative study of, for midtrimester abortion (Edelman et al.), 188
 - 15(S)-15-methyl-, intra-amniotic administration of, for induction of midtrimester abortion (Dingfelder et al.), 821
 - intra-amniotic, effect of meperidine analgesia on midtrimester abortions induced with (Staurovsky et al.), 185
- Fallopian tube, influence of copper on in vitro motility of (Larsson, Ljung, and Hamberger), 682
- primary carcinoma of (Kinzel), 816 prolapse of, into vaginal vault (Carmichael), 266 (Comm. in brief) Fenoterol, uterine relaxant, actions of, on uteroplacental hemodynamics in human subjects (Lippert, De Grandi, and Frid-
- rich), 1093 Fertility control, endometrial aspiration in (Bendel, Williams, and Butler), 328
- Fetal acid-base balance. I. Interdependence of maternal and fetal Pco2 and bicarbonate concentration (Chang and Wood), 61
- alcohol syndrome: Seven new cases (Mulvihill et al.), 937
- bleeding: Unusual complication of fetal monitoring (Fernandez-Rocha and Oullette), 1153 (Comm. in brief) blood, human, adrenocorticotropic hormone in, at delivery (Arai,
- Yanaihara, and Okinaga), 1136 death, uterine blood flow, oxygen consumption, and maternal
- plasma estradiol and progestins following (Caton et al.), 624 electroencephalogram, computer interpreted. I. Relative frequency of patterns (Chik et al.), 537
 - II. Patterns in infants who were neurologically abnormal at 1 year of age (Chik et al.), 541
- growth retardation in relation to maternal smoking and weight gain in pregnancy (Miller, Hassanein, and Hensleigh), 55
 - severe, with congenital anomaly, maternal estrogen levels in two pregnancies complicated by (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)
- heart rate characteristics, baseline, as indicator of fetal status during antepartum period (Trierweiler, Freeman, and James), 618 monitor, ultrasonic. evaluation of accuracy of (Lauersen,
 - Hochberg, and George), 1125 monitoring, continuous, in high-risk pregnancy, evaluation of
 - (Haverkamp et al.), 310 instantaneous, by electromagnetic methods (Hukkinen et al.),
 - 1115 in pregnant patients undergoing surgery (Katz, Hook, and
 - Barash), 267 (Comm. in brief) patterns, clinical significance of, during labor. I. Baseline pat-
- terns (Cibils), 290 hemoglobin, fluctuation of, in sickle-cell anemia (Morrison et al.),
- 1085 lambs, breathing patterns before death in (Patrick, Dalton, and
- Dawes), 79 lung lecithin metabolism and amniotic fluid L/S ratio in rhesus
- monkey gestations (Epstein, Farrell, and Chez), 545 maternal, and intra-amniotic hormonal and biologic changes result-
- ing from single dose of hydrocortisone injected in intraamniotic compartment (Lefebvre et al.), 609 maturity, amniotic fluid tests for, in normal and abnormal pregnan-
- cies (Doran et al.), 586 membranes, human, demonstration of phospholipase A2 in lysosomes of, IV. Initiation of human parturition (Schwarz et
- al.), 1089 presentation, variation of, with gestational age (Scheer and Nubar),
- 269 (Comm. in brief) renal anomalies, hydramnion and (Perlman, Potashnik, and Wise),
- 966 respiration: Quantitative measurements of amniotic fluid inspired near term by human and rhesus fetuses (Duenhoelter and Pritchard), 306

Fetal-Cont'd

scalp abscess secondary to intrauterine monitoring (Plavidal and Werch), 65

weight, estimation of, by ultrasonic abdominometry (Kurjak and Breyer), 962

studies, automatic balance for (Abrams et al.), 660

Fetoplacental circulation, sampling. 1. Pregnant ovine (Morris et al.), 1121

unit, physiologic model of dehydroepiandrosterone to estrogen conversion system in. I. Development (Nagey et al.), 249 II. Preliminary clinical application—Dehydroepiandroster-

one loading test (Pupkin et al.), 256

Fetus(es) considered at high risk, analysis of utility of plasma immunoreactive estrogen measurements in determining delivery time of gravidas with (Duenhoelter, Whalley, and MacDonald), 889

human, breathing movements in (Mantell), 550

and rhesus, quantitative measurements of amniotic fluid inspired near term by: Fetal respiration (Duenhoelter and Pritchard), 306

in utero traumatic intra-abdominal deceleration injury to—Case report (Connor and Curran), 567 (Comm. in brief)

Fibroblasts from skin of abortuses, culturability of, after intra-amniotic instillation of urea or prostaglandin (Ju, Park, and Jones), 1155 (Comm. in brief)

Flora, microbial, alterations of, II. Effect of antibiotic prophylaxis on patients undergoing total abdominal hysterectomy (Ohm and Galask), 448

Flow, uterine blood, oxygen consumption, and maternal plasma estradiol and progestins following fetal death (Caton et al.), 624

Fluid(s), amniotic, bacterial growth inhibition by. V. Phosphate-to-zinc ratio as predictor of bacterial growth-inhibitory activity (Schlievert, Johnson, and Galask), 899

VI. Evidence for zinc-peptide antibacterial system (Schlievert, Johnson, and Galask), 906

identification of cold-insoluble globulin of plasma in (Chen, Mosesson, and Solish), 958

inspired near term by human and rhesus fetuses, quantitative measurements of: Fetal respiration (Duenhoelter and Pritchard), 306

phosphatidylinositol and phosphatidylglycerol in: Indices of lung maturity (Hallman et al.), 613

studies on antimicrobial activity of (Miller et al.), 212

studies on antimicrobial activity of (Miller et al.), 212 analysis, amniotic, in Rh-sensitized pregnancies (Duhring, McKean, and Hager), 368

cells, cultured human amniotic, proposed system whereby (colcemid-induced) S₂ phase is responsible for tetraploidy found in (Tegenkamp, Hux, and Tegenkamp), 554

L/S ratio, amniotic, fetal lung lecithin metabolism and, in rhesus monkey gestations (Epstein, Farrell, and Chez), 545

pregnancy body, cyclic adenosine 3', 5'-monophosphate (cAMP) in, during normal and abnormal pregnancy (Yuen, Wittmann, and Staley), 597

tests, amniotic, for fetal maturity in normal and abnormal pregnancies (Doran et al.), 586

Folic acid, vitamins B₆, B₁₂, and, III. Effect of oral contraceptives on

nutrients (Prasad et al.), 1063

Follicle-stimulating hormone, LH/, –releasing hormone (LRH), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484

 releasing hormone, luteinizing hormone and, some notes on background of isolation, determination of structure, synthesis, and early clinical trials of (Schally), 1142 (Classic pages)

FSH, LH/, -releasing hormone (LRH), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484

Fulguration, bilateral laparoscopic tubal, ruptured ectopic pregnancy after (Sheikh and Yussman), 569 (Comm. in brief)

Gestation(s), effect of length of, on maternal cellular immunity to human trophoblast antigens (Taylor et al.), 528

human, endocrine-metabolic response to acute starvation in (Tyson et al.), 1073

normal, relation of obstetric parameters to concentrations of four pregnancy-associated plasma proteins at term in (Lin, Halbert, and Spellacy), 17

rhesus monkey, fetal lung lecithin metabolism and amniotic fluid L/S ratio in (Epstein, Farrell, and Chez), 545

ultrastructural observations of human uterine smooth muscle cells during (Dessouky), 1099

unilateral tubal twin (Storch and Petrie), 1148 (Comm. in brief)
Gestational age, serum unconjugated estriol levels in third trimester
and relationship to (Buster et al.), 672

variation of fetal presentation with (Scheer and Nubar), 269 (Comm. in brief)

human serum 25-hydroxyvitamin D, late, factors influencing, III.

Perinatal vitamin D metabolism (Hillman and Haddad),
196

postmaturity, classical and "true" (Boyce, Mayaux, and Schwartz), $911\,$

and pregestational diabetes: Approach to therapy (Tyson and Hock), 1009 (Current developments)

trophoblastic tumors, reproductive performance of women successfully treated for (Walden and Bagshawe), 1108

Globulin, cold-insoluble, of plasma, identification of, in amniotic fluid (Chen, Mosesson, and Solisn), 958

plasma testosterone-estradiol-binding, response of binding capacity of, to norethindrone, 2 mg., and mestranol, 0.1 mg., in polycystic ovarian disease (Andersen et al.), 166

Glucagon secretion in late pregnancy and puerperium (Leblanc, Anderson, and Yen), 708 (Current investigation)

Glucose-6-phosphate dehydrogenase deficiency in pregnancy, significance of (Perkins), 215 Glucuronide, estriol-16α-β-D-, in pregnancy urine, assay of, with

Glucuronide, estriol-16α-β-D-, in pregnancy urine, assay of, with specific antiserum (DiPietro), 841 Gonadoblastoma: Histologic, ultrastructural, and histochemical obser-

Gonadoblastoma: Histologic, ultrastructural, and histochemical observations in five cases (Garvin et al.), 459

Gonadotropin during second half of cycle, demonstration of, in women using intrauterine contraception (Beling, Cederqvist, and Fuchs), 855 (Current investigation)

(HCG), human chorionic, -β-subunit radioimmunoassay: Potential error in HCG measurement related to choice of labeled antigen (Tyrey and Hammond), 160

human chorionic, limitation of specific serum radioimmunoassay for, in management of trophoblastic neoplasms (Schreiber et al.), 705 (Current investigation)

levels, mechanism of suppression of, in patient with prolactinsecreting adenoma: Longitudinal case study (Rolland et al.), 1152 (Comm. in brief)

response after administration of LH/FSH-releasing hormone (LRH) during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484

therapy, human menopausal, effect of clomiphene citrate upon amount and duration of (March, Tredway, and Mishell), 699

Gravidas with fetus considered at high risk, analysis of utility of plasma immunoreactive estrogen measurements in determining delivery time of (Duenhoelter, Whalley, and MacDonald),

Growth hormone release, prolactin and, effects of large doses of estrogen on (Ehara, Siler, and Yen), 455

inhibition, bacterial, by amniotic fluid. V. Phosphate-to-zinc ratio as predictor of bacterial growth-inhibitory activity (Schlievert, Johnson, and Galask), 899

VI. Evidence for zinc-peptide antibacterial system (Schlievert, Johnson, and Galask), 906

retardation, fetal, in relation to maternal smoking and weight gain in pregnancy (Miller, Hassanein, and Hensleigh), 55

intrauterine, assessment of, by diagnostic ultrasound (Whetham, Muggah, and Davidson), 577

severe fetal, with congenital anomaly, maternal estrogen levels in two pregnancies complicated by (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)

Guest editorial, 1

Gynecology, obstetrics and, doctors and patients in: Next 15 years (Pearse), 361

G

Galactorrhea-amenorrhea: Psychological interaction with neuroendocrine function (Zacur et al.), 859 (Current investigation) H

HCG-\(\beta\)-subunit radioimmunoassay: Potential error in HCG measurement related to choice of labeled antigen (Tyrey and Hammond), 160

Health Care Programs, Regionalized Perinatal, evaluation of (Berger, Gillings, and Siegel), 924

Heart rate characteristics, baseline fetal, as indicator of fetal status during antepartum period (Trierweiler, Freeman, and James), 618

monitor, ultrasonic fetal, evaluation of accuracy of (Lauersen, Hochberg, and George), 1125

monitoring, continuous fetal, in high-risk pregnancy, evaluation of (Haverkamp et al.), 310

fetal, in pregnant patients undergoing surgery (Katz, Hook, and Barash), 267 (Comm. in brief)

instantaneous fetal, by electromagnetic methods (Hukkinen et al.), 1115

patterns, fetal, clinical significance of, during labor. I. Baseline patterns (Cibils), 290 Hematoma, rectus sheath, diagnosis of, by B-mode ultrasound: Case

report (Hamilton et al.), 562 (Comm. in brief) Hemodynamics, uteroplacental, actions of uterine relaxant, fenoterol, on, in human subjects (Lippert, De Grandi, and Fridrich), 1093

Hemoglobin, fetal, fluctuation of, in sickle-cell anemia (Morrison et al.), 1085

Hemolytic syndrome, uremic (malignant nephrosclerosis during preg-

nancy and in postpartum period) (Beller et al.), 633 Hemorrhage, spontaneous subarachnoid, maternal deaths due to (Barno and Freeman), 384

Herpesvirus infection, disseminated, of neonate, experimental model for (Amstey and Kobos), 40

High risk, analysis of utility of plasma immunoreactive estrogen measurements in determining delivery time of gravidas with fetus considered at (Duenhoelter, Whalley, and Mac-Donald), 889

pregnancy (pregnancies), circulating maternal serum progesterone in (Dawood), 832

evaluation of continuous fetal heart rate monitoring in (Haverkamp et al.), 310

management protocol (Crane, Sauvage, and Arias), 227

oral prostaglandin E2 for labor induction in (Cunningham et

Histochemical changes during development and involution: Observations on human corpus luteum (Wiley and Esterly), 514

histologic, and ultrastructural observations in five cases: Gonadoblastoma (Garvin et al.), 459

Histologic, ultrastructural, and histochemical observations in five cases: Gonadoblastoma (Garvin et al.), 459

Histopathologic evaluation of uteri curetted by flexible suction cannula (Hale et al.), 805

Hormonal and biologic changes, maternal, fetal, and intra-amniotic, resulting from single dose of hydrocortisone injected in intra-amniotic compartment (Lefebvre et al.), 609

treatment, pregnancy-zone protein present during pregnancy and, in women previously believed not to produce this protein (Damber, von Schoultz, and Stigbrand), 565 (Comm. in brief)

Hormone, adrenocorticotropic, in human fetal blood at delivery (Arai, Yanaihara, and Okinaga), 1136

(LH), luteinizing/FSH-releasing hormone (LRH), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484

luteinizing, and follicle-stimulating hormone-releasing hormone, some notes on background of isolation, determination of structure, synthesis, and early clinical trials of (Schally), 1142 (Classic pages)

release, growth, prolactin and, effects of large doses of estrogen on (Ehara, Siler, and Yen), 455

Hospitalized, women, for intrauterine contraceptive device-related disorders, association between Dalkon Shield and complicated pregnancies among (Kahn and Tyler), 83

Hyaline membrane disease in twins (de la Torre Verduzco, Rosario, and Rigatto), 668

Hydramnion and fetal renal anomalies (Perlman, Potashnik, and Wise), 966

Hydrochloride, promethazine, modification of neonatal response by, I. Phagocytosis and erythroblastosis (Gusdon et al.), 224

Hydrocortisone, single dose of, injected in intra-amniotic compartment, maternal, fetal, and intra-amniotic hormonal and biologic changes resulting from (Lefebvre et al.), 609

Hydroxyvitamin D, 25-, late gestational human serum, factors influencing, III. Perinatal vitamin D metabolism (Hillman and Haddad), 196

Hyperuricemia in pre-eclampsia (Fadel, Northrop, and Misenhimer), 640

Hypothyroxinemic women, development or retardation of 7-year-old progeny of, IX. Thyroid function in human pregnancy (Man and Serunian), 949

Hysterectomy, total abdominal, effect of antibiotic prophylaxis on patients undergoing. I. Effect on morbidity (Ohm and Galask), 442

II. Alterations of microbial flora (Ohm and Galask), 448 vaginal, conization-, morbidity, impact of cephalosporin prophylaxis on (Forney et al.), 100

value of prophylactic antibiotics after (Boyd and Garceau), 581

1

Immunity, maternal cellular, to human trophoblast antigens, effect of

length of gestation on (Taylor et al.), 528 Immunobiological function of syncytiotrophoblast: New theory (Morisada, Yamaguchi, and Iizuka). 3

Immunologic aspects of pre-eclampsia (Scott and Beer), 418 (Current developments)

Immunoreactive estrogen measurements, plasma, analysis of utility of, in determining delivery time of gravidas with fetus considered at high risk (Duenhoelter, Whalley, and MacDonald), 889

Incontinence, detrusor overactivity, of urine, results in treating 210 patients with (Beck, Arnusch, and King), 593

Induced, colcemid-, S2 phase is responsible for tetraploidy found in cultured human amniotic fluid cells, proposed system whereby (Tegenkamp, Hux, and Tegenkamp), 554

midtrimester abortions, with intra-amniotic prostaglandin $F_{2\alpha}$, effect of meperidine analgesia on (Staurovsky et al.), 185

Induction, labor, oral prostaglandin E2 for, in high-risk pregnancy (Cunningham et al.), 881

with intravenous prostaglandin (Beck and Lilling), 648 oral prostaglandin E2 (Gabert, Brinton, and Brown), 333

of midtrimester abortion, intra-amniotic administration of 15(S)-15-methyl-prostaglandin $F_{2\alpha}$ for (Dingfelder et al.), 821 of ovulation (Evans and Townsend), 321

Infants, premature newborn, relationship between cortisol levels in umbilical cord plasma and development of respiratory distress syndrome in (Sybulski and Maughan), 239

who were neurologically abnormal at 1 year of age, patterns in, II. Computer interpreted fetal electroencephalogram (Chik et al.), 541

Infection(s) associated with intrauterine contraceptive device, incidence of, in isolated community (Mead, Beecham, and Maeck), 79

disseminated herpesvirus, of neonate, experimental model for (Amstey and Kobos), 40

use of prereduced media and portable jar for collection of anaerobic organisms from clinical sites of (Ledger et al.), 677

with attenuated rubella virus, susceptibility of postpartum and postabortal cervix and uterine cavity to (Bolognese et al.), 595

Infertile female, coexisting problem in: Endometriosis and anovulation (Soules et al.), 412

Infertility, prognostic aid in surgical management of: Diagnostic laparoscopy (Israel and March), 969

Injected, single dose of hydrocortisone, in intra-amniotic compartment, maternal, fetal, and intra-amniotic hormonal and biologic changes resulting from (Lefebvre et al.), 609 Injury, in utero traumatic intra-abdominal deceleration, to fetus—

Case report (Connor and Curran), 567 (Comm. in brief)

Insoluble, cold-, globulin of plasma, identification of, in amniotic fluid (Chen, Mosesson, and Solish), 958

Inspired, amniotic fluid, near term by human and rhesus fetuses, quantitative measurements of: Fetal respiration (Duenhoelter and Pritchard), 306

- Instillation, intra-amniotic, of urea or prostaglandin, culturability of fibroblasts from skin of abortuses after (Ju, Park, and Jones), 1155 (Comm. in brief)
- Instrument, new, appraisal of: Endometrial suction biopsy (Inglis and Weir), 1070
- Insulin levels, absolute neonatal, children of insulin-requiring diabetic patients (Martin), 71
- Intelligence, measured, in offspring of oral and nonoral contraceptive users (Fuertes-de la Haba, Santiago, and Bangdiwala), 980
- Intra-abdominal deceleration injury, in utero traumatic, to fetus— Case report (Connor and Curran), 567 (Comm. in brief)
- Intra-amniotic administration of 15(S)-15-methyl-prostaglandin F200 for induction of midtrimester abortion (Dingfelder et al.), 821
 - instillation of urea or prostaglandin, culturability of fibroblasts from skin of abortuses after (Ju, Park, and Jones), 1155 (Comm. in brief)
- maternal, and fetal hormonal and biologic changes resulting from single dose of hydrocortisone injected in intra-amniotic compartment (Lefebvre et al.), 609
- prostaglandin F_{2α}, effect of meperidine analgesia on midtrimester abortions induced with (Staurovsky et al.), 185
- saline and two prostaglandin F2 dose schedules, comparative study of, for midtrimester abortion (Edelman et al.), 188
- Intrauterine contraception, demonstration of gonadotropin during second half of cycle in women using (Beling, Cederqvist, and Fuchs), 855 (Current investigation)
 - contraceptive device, incidence of infections associated with, in isolated community (Mead, Beecham, and Maeck), 79 -related disorders, association between Dalkon Shield and com
 - plicated pregnancies among women hospitalized for (Kahn and Tyler), 83
 - device(s), ectopic pregnancy associated with: Study of seventy cases (Hallatt), 754
 - mycotic tubo-ovarian abscess associated with (Kostelnik and Fremount), 272 (Comm. in brief)
 - TCu-200, ultrastructural studies on endometrium of women wearing, by means of transmission and scanning electron microscopy and x-ray dispersive analysis (González-Angulo and Aznar-Ramos), 170
- growth retardation, assessment of, by diagnostic ultrasound (Whetham, Muggah, and Davidson), 577
- monitoring, fetal scalp abscess secondary to (Plavidal and Werch), 65 Intravenous prostaglandin, induction of labor with (Beck and Lilling), 648
- Isolation, determination of structure, synthesis, and early clinical trials of luteinizing hormone- and follicle-stimulating hormone-releasing hormone, some notes on background of (Schally), 1142 (Classic pages)
- Items, 134, 429-430, 727-728, 1028
- IUD users and nonusers, oral contraceptive steroid and, carcinoma of cervix in (Sandmire, Austin, and Bechtel), 339

I.

- Labeled antigen, potential error in HCG measurement related to choice of: HCG-β-subunit radioimmunoassay (Tyrey and Hammond), 160
- Labor, clinical significance of fetal heart rate patterns during. I. Baseline patterns (Cibils), 290
 - and delivery, cortisol levels in umbilical cord plasma in relation to (Sybulski and Maughan), 236
 - induction, oral prostaglandin E2 for, in high-risk pregnancy (Cunningham et al.), 881
 - of, with intravenous prostaglandin (Beck and Lilling), 648 oral prostaglandin E2 (Gabert, Brinton, and Brown), 333
- premature, effect of terbutaline on (Ingemarsson), 520 Laparoscopic tubal fulguration, bilateral, ruptured ectopic pregnancy after (Sheikh and Yussman), 569 (Comm. in brief) Laparoscopy, diagnostic: Prognostic aid in surgical management of
- infertility (Israel and March), 969
- in obese patient (Loffer and Pent), 104 Lecithin metabolism, fetal lung, and amniotic fluid L/S ratio in rhesus
- monkey gestations (Epstein, Farrell, and Chez), 545 Lesions, placental, in experimental toxemia in rabbit (Abitbol, Driscoll, and Ober), 942

- LH/FSH-releasing hormone (LRH), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484
- Lipid metabolism, carbohydrate and, effects of norgestrel on, over one year (Spellacy, Buhi, and Birk), 984 Low birth weight, simple assessment of risk of, to select women for
- nutritional intervention (Lechtig et al.), 25
- LRH (LH/FSH-releasing hormone), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484
- L/S ratio, amniotic fluid, fetal lung lecithin metabolism and, in rhesus monkey gestations (Epstein, Farrell, and Chez), 545
- Lung lecithin metabolism, fetal, and amniotic fluid L/S ratio in rhesus monkey gestations (Epstein, Farrell, and Chez), 545
- maturity, indices of: Phosphatidylinositol and phosphatidylglycerol in amniotic fluid (Hallman et al.), 613 Luteinizing hormone– and follicle-stimulating hormone–releasing
- hormone, some notes on background of isolation, determination of structure, synthesis, and early clinical trials of (Schally), 1142 (Classic pages)
 - (LH)/FSH-releasing hormone (LRH), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484
- Luteum, human corpus, observations on: Histochemical changes during development and involution (Wiley and Esterly), 514
- Lymphocyte culture reactivity, depressed mixed, in mothers with recurrent spontaneous abortion (Lauritsen, Kristensen, and Grunnet), 35
- Lysosomes of human fetal membranes, demonstration of phospholipase A2 in, IV. Initiation of human parturition (Schwarz et al.), 1089

M

- Malignant nephrosclerosis during pregnancy and in postpartum period (uremic hemolytic syndrome) (Beller et al.), 633
- Mary Wollstonecraft, obstetric death of (Kaiser), 1
- Maternal cellular immunity to human trophoblast antigens, effect of
- length of gestation on (Taylor et al.), 528 deaths in California from 1967 to 1971 (Coppes and Messer), 393 due to spontaneous subarachnoid hemorrhage (Barno and
- Freeman), 384 estrogen levels in two pregnancies complicated by severe fetal growth retardation with congenital anomaly (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)
- fetal, and intra-amniotic hormonal and biologic changes resulting from single dose of hydrocortisone injected in intraamniotic compartment (Lefebvre et al.), 609
- Pco2 and bicarbonate concentration, interdependence of, I. Fetal acid-base balance (Chang and Wood), 61
- plasma dehydroisoandrosterone sulfate, pattern and rates of metabolism of, in human pregnancy (Madden et al.), 915
- estradiol and progestins, uterine blood flow, and oxygen consumption following fetal death (Caton et al.), 624
- serum progesterone, circulating, in high-risk pregnancies (Dawood), 832
- smoking and weight gain in pregnancy, fetal growth retardation in relation to (Miller, Hassanein, and Hensleigh), 55
- Mathematical model: Relationship of metabolic clearance rate of dehydroisoandrosterone sulfate to placental blood flow (Clewell and Meschia), 507
- Maturity, fetal, amniotic fluid tests for, in normal and abnormal pregnancies (Doran et al.), 586 lung, indices of: Phosphatidylinositol and phosphatidylglycerol in
- amniotic fluid (Hallman et al.), 613
- Media, prereduced, and portable jar, use of, for collection of anaerobic organisms from clinical sites of infection (Ledger et al.), 677
- Medical care during pi egnancy and delivery, satisfaction with (Light, Solheim, and Hunter), 827
- and social factors affecting early teenage pregnancy (Dott and Fort), 532
- Mellitus, diabetes, remission of, during pregnancy (Gabbe, Dizerega, and Mestman), 264 (Comm. in brief)
- Membrane(s) disease, hyaline, in twins (de la Torre Verduzco, Rosario, and Rigatto), 668

Membrane(s)-Cont'd

human fetal, demonstration of phospholipase A2 in lysosomes of, IV. Initiation of human parturition (Schwarz et al.), 1089 prematurely and non-prematurely ruptured, mechanical properties of (Artal et al.), 655

Menopausal gonadotropin therapy, human, effect of clomiphene citrate upon amount and duration of (March, Tredway, and Mishell), 699

Meperidine analgesia, effect of, on midtrimester abortions induced with intra-amniotic prostaglandin F2 (Staurovsky et al.), 185

Menstrual cycle, plasma androgen levels during (Vermeulen and Verdonck), 491

Mestranol, 0.1 mg., norethindrone, 2 mg., and, response of binding capacity of plasma testosterone-estradiol-binding globulin to, in polycystic ovarian disease (Andersen et al.), 166

Metabolic clearance rate of dehydroisoandrosterone sulfate, relationship of, to placental blood flow: Mathematical model (Clewell and Meschia), 507

endocrine-, response to acute starvation in human gestation (Tyson et al.), 1073

Metabolism, carbohydrate and lipid, effects of norgestrel on, over one year (Spellacy, Buhi, and Birk), 984 fetal lung lecithin, and amniotic fluid L/S ratio in rhesus monkey

gestations (Epstein, Farrell, and Chez), 545

of maternal plasma dehydroisoandrosterone sulfate, pattern and rates of, in human pregnancy (Madden et al.), 915

perinatal vitamin D. III. Factors influencing late gestational human serum 25-hydroxyvitamin D (Hillman and Haddad), 196 Metastatic placental tumors: Report of three cases (Smythe, Underwood, and Kreutner), 1149 (Comm. in brief)

Methyl, 15(S)-15-, -prostaglandin F_{2tt}, intra-amniotic administration of, for induction of midtrimester abortion (Dingfelder et al.), 821

Microbial flora, alterations of, II. Effect of antibiotic prophylaxis on patients undergoing total abdominal hysterectomy (Ohm and Galask), 448

Microinvasive carcinoma of cervix (Ruch, Pitcock, and Ruch), 87 squamous-cell carcinoma of vulva (Jafari and Cartnick), 274 (Comm. in brief)

Microscopy, transmission and scanning electron, and x-ray dispersive analysis, ultrastructural studies on endometrium of women wearing TCu-200 intrauterine devices by means of (González-Angulo and Aznar-Ramos), 170

Midcycle contraceptive (R 2323), action of, on human endometrium (Azadian-Boulanger et al.), 1049

Midtrimester abortion(s), comparative study of intra-amniotic saline and two prostaglandin $F_{2\alpha}$ dose schedules for (Edelman et al.), 188

induced with intra-amniotic prostaglandin $F_{2\alpha}$, meperidine analgesia on (Staurovsky et al.), 185

intra-amniotic administration of 15(S)-15-methyl-prostaglandin $F_{2\alpha}$ for induction of (Dingfelder et al.), 821

Aspects of normal psychology of pregnancy (Barclay and Barclay), 207

Mixed lymphocyte culture reactivity, depressed, in mothers with recurrent spontaneous abortion (Lauritsen, Kristensen, and Grunnet), 35

Monitor, ultrasonic fetal heart rate, evaluation of accuracy of (Lauersen, Hochberg, and George), 1125

Monitoring, continuous fetal heart rate, in high-risk pregnancy, evaluation of (Haverkamp et al.), 310

fetal heart rate, in pregnant patients undergoing surgery (Katz, Hook, and Barash), 267 (Comm. in brief) unusual complication of: Fetal bleeding (Fernandez-Rocha and

Oullette), 1153 (Comm. in brief) instantaneous fetal heart rate, by electromagnetic methods (Hukki-

nen et al.), 1115 Monophosphate (cAMP), 3',5'-, cyclic adenosine, in pregnancy body fluids during normal and abnormal pregnancy (Yuen,

Wittmann, and Staley), 597 Morbidity, conization-vaginal hysterectomy, impact of cephalosporin prophylaxis on (Forney et al.), 100

effect on, I. Effect of antibiotic prophylaxis on patients undergoing total abdominal hysterectomy (Ohm and Galask), 442

Motility, in vitro, of human Fallopian tube, influence of copper on (Larsson, Ljung, and Hamberger), 682

Mucinous tumors of ovary. II. Ultrastructural features of mucinous cystadenocarcinomas (Fenoglio, Ferenczy, and Richart), Mucus enzymes, cervical, cyclic changes of, related to time of ovulation. I. Alkaline phosphatase (Moghissi, Syner, and Borin), 1044

Muscle cells, human uterine smooth, ultrastructural observations of, during gestation (Dessouky), 1099

Myasthenia, neonatal (Dunn), 265 (Comm. in brief)

Mycotic tubo-ovarian abscess associated with intrauterine device (Kostelnik and Fremount), 272 (Comm. in brief)

Neonatal insulin levels, absolute, in children of insulin-requiring diabetic patients (Martin), 71

myasthenia (Dunn), 265 (Comm. in brief)

response, modification of, by promethazine hydrochloride, I. Phagocytosis and erythroblastosis (Gusdon et al.), 224 Neonate, drug addiction in pregnancy and (Blinick et al.), 135 (Clinical

opinion)

experimental model for disseminated herpesvirus infection of (Amstey and Kobos), 40

Neoplasms, trophoblastic, limitation of specific serum radioimmunoassay for human chorionic gonadotropin in management of (Schreiber et al.), 705 (Current investigation)

Nephrosclerosis, malignant, during pregnancy and in postpartum period (uremic hemolytic syndrome) (Beller et al.), 633

Neuroendocrine function, psychological interaction with: Galactorrhea-amenorrhea (Zacur et al.), 859 (Current investigation) Neurologically abnormal, infants who were, at 1 year of age, patterns

in, II. Computer interpreted fetal electroencephalogram (Chik et al.), 541 Newborn infants, premature, relationship between cortisol levels in

umbilical cord plasma and development of respiratory distress syndrome in (Sybulski and Maughan), 239 Node biopsy, scalene, in pretreatment staging of carcinoma of cervix

uteri (Perez-Mesa and Spratt), 93 Norethindrone, 2 mg., and mestranol, 0.1 mg., response of binding

capacity of plasma testosterone-estradiol-binding globulin to, in polycystic ovarian disease (Andersen et al.), 166 Norgestrel, effects of, on carbohydrate and lipid metabolism over one

year (Spellacy, Buhi, and Birk), 984 Nutrients, effect of oral contraceptives on. III. Vitamins B6, B12, and

folic acid (Prasad et al.), 1063 Nutritional intervention, simple assessment of risk of low birth weight

to select women for (Lechtig et al.), 25

Obse patient, laparoscopy in (Loffer and Pent), 104 Obstetric(s) death of Mary Wollstonecraft (Kaiser), 1 (Guest editorial) and gynecology, doctors and patients in: Next 15 years (Pearse), 361 parameters, relation of, to concentrations of four pregnancyassociated plasma proteins at term in normal gestation (Lin, Halbert, and Spellacy), 17

Obstruction, unilateral vaginal, lateral communicating double uterus with (Neves-e-Castro et al.), 865 (Comm. in brief)

Offspring of oral and nonoral contraceptive users, measured intelligence in (Fuertes-de la Haba, Santiago, and Bangdiwala), 980

Oral contraceptive(s), effect of, on nutrients. III. Vitamins B6, B12, and

folic acid (Prasad et al.), 1063
"pills," massive colonic bleeding and (Prust and Kumar), 695 potencies of (Edgren and Sturtevant), 1029 (Clinical opinion)

steroid and IUD users and nonusers, carcinoma of cervix in (Sandmire, Austin, and Bechtel), 339

therapy, thromboembolic and other complications of, in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study, VII. Progestational agents and blood coagulation (Ambrus et al.), 1057 three new low-dose, estrogen potencies of (Dickey, Chihal, and

Peppler), 976 and nonoral contraceptive users, measured intelligence in offspring

of (Fuertes-de la Haba, Santiago, and Bangdiwala), 980 prostaglandin E₂, induction of labor with (Gabert, Brinton, and Brown), 333

for labor induction in high-risk pregnancy (Cunningham et al.), 881

Organisms, anaerobic, use of prereduced media and portable jar for collection of, from clinical sites of infection (Ledger et al.),

Ovarian and adrenal vein catheterization, differential (Wentz et al.),

Ovarian-Cont'd

cancer, thermostable antigen associated with (Burton, Hope, and Lubbers), 472

disease, polycystic, response of binding capacity of plasma testosterone-estradiol-binding globulin to norethindrone, 2 mg., and mestranol, 0.1 mg., in (Andersen et al.), 166 stromal tumors, treatment of (Schwartz and Smith), 402

Ovary, androgenic polycystic (Greenblatt and Mahesh), 712 (Current developments) mucinous tumors of. II. Ultrastructural features of mucinous cyst-

adenocarcinomas (Fenoglio, Ferenczy, and Richart), 990 Ovulation, cyclic changes of cervical mucus enzymes related to time of.

I. Alkaline phosphatase (Moghissi, Syner, and Borin), 1044 induction of (Evans and Townsend), 321

salivary phosphate as indicator of (Ben-Aryeh et al.), 871 (Comm. in brief)

Oxygen consumption, uterine blood flow, and maternal plasma es tradiol and progestins following fetal death (Caton et al.), 624

Oxytocin challenge test, negative, abruptio placentae following (Seski and Compton), 276 (Comm. in brief)

Pacific Coast Obstetrical and Gynecological Society, transactions, forty-second annual meeting, 729-820

Papillary serous cystadenoma arising in paramesonephric cyst of parovarium (Honoré and Nickerson), 870 (Comm. in brief)

Paracervical block, post-, bradycardia: Prediction and preventability (Goodlin, Crocker, and Haesslein), 665

Paramesonephric cyst of parovarium, papillary serous cystadenoma arising in (Honoré and Nickerson), 870 (Comm. in brief) Parametrial phlebectasia: Clinical-pathologic entity (Hanzlik and Leiss-

ring), 431 (Clinical opinion)
Parity and age, influence of, I. Studies on blood pressure during

pregnancy (Christianson), 509 Parovarium, papillary serous cystadenoma arising in paramesonephric

cyst of (Honoré and Nickerson), 870 (Comm. in brief Parturition, human, initiation of. IV. Demonstration of phospholipase

A2 in lysosomes of human fetal membranes (Schwarz et al.), 1089

Pathologic, clinical-, entity: Parametrial phlebectasia (Hanzlik and Leissring), 431 (Clinical opinion)

Pco2 and bicarbonate concentration, maternal and fetal, interdepen dence of, I. Fetal acid-base balance (Chang and Wood), 61 Pelvic cancer, vaginal reconstruction following extensive treatment for

(Watring et al.), 809 Peptide, zinc-, antibacterial system, evidence for, VI. Bacterial growth inhibition by amniotic fluid (Schlievert, Johnson, and Galask), 906

Pereyra procedure (Backer and Probst), 346

Perforated duodenal ulcer in pregnancy with double survival (Tew, Holliday, and Phibbs), 1151 (Comm. in brief)

Perinatal Health Care Program, Regionalized, evaluation of (Berger, Gillings, and Siegel), 924

vitamin D metabolism. III. Factors influencing late gestational human serum 25-hydroxyvitamin D (Hillman and Haddad), 196

Phagocytosis and erythroblastosis. I. Modification of neonatal response by promethazine hydrochloride (Gusdon et al.), 224

Phlebectasia, parametrial: Clinical-pathologic entity (Hanzlik and Leissring), 431 (Clinical opinion)

Phosphatase, alkaline, I. Cyclic changes of cervical mucus enzymes related to time of ovulation (Moghissi, Syner, and Borin), 1044

Phosphate dehydrogenase, glucose-6-, deficiency in pregnancy, significance of (Perkins), 215

salivary, as indicator of ovulation (Ben-Aryeh et al.), 871 (Comm. in

-to-zinc ratio as predictor of bacterial growth-inhibitory activity, V. Bacterial growth inhibition by amniotic fluid (Schlievert, Johnson, and Galask), 899

Phosphatidylglycerol, phosphatidylinositol and, in amniotic fluid: Indices of lung maturity (Hallman et al.), 613

Phosphatidylinositol and phosphatidylglycerol in amniotic fluid: Indices of lung maturity (Hallman et al.), 613

Phospholipase A2. demonstration of, in lysosomes of human fetal membrances, IV. Initiation of human parturition (Schwarz et al.), 1089

Physiologic model of dehydroepiandrosterone to estrogen conversion system in fetoplacental unit. I. Development (Nagey et al.),

II. Preliminary clinical application—Dehydroepiandrosterone loading test (Pupkin et al.), 256

"Pills," oral contraceptive, massive colonic bleeding and (Prust and Kumar), 695

Pituitary tumors in patients with secondary amenorrhea (Haesslein and Lamb), 759

Placentae, abruptio, following negative oxytocin challenge test (Seski and Compton), 276 (Comm. in brief)

Placental blood flow, relationship of metabolic clearance rate of dehydroisoandrosterone sulfate to: Mathematical model (Clewell and Meschia), 507

lesions in experimental toxemia in rabbit (Abitbol, Driscoll, and Ober), 942

tumors, metastatic: Report of three cases (Smythe, Underwood, and Kreutner), 1149 (Comm. in brief)

Plasma androgen levels during menstrual cycle (Vermeulen and Verdonck), 491

dehydroisoandrosterone sulfate, maternal, pattern and rates of metabolism of, in human pregnancy (Madden et al.), 915

estradiol and progestins, maternal, uterine blood flow, and oxygen consumption following fetal death (Caton et al.), 624

identification of cold-insoluble globulin of, in amniotic fluid (Chen, Mosesson, and Solish), 958

immunoreactive estrogen measurements, analysis of utility of, in determining delivery time of gravidas with fetus considered at high risk (Duenhoelter, Whalley, and MacDonald), 889

proteins, four pregnancy-associated, concentrations of, at term in normal gestation, relation of obstetric parameters to (Lin, Halbert, and Spellacy), 17

testosterone-estradiol-binding globulin, response of binding capacity of, to norethindrone, 2 mg., and mestranol, 0.1 mg., in polycystic ovarian disease (Andersen et al.), 166

umbilical cord, cortisol levels in, and development of respiratory distress syndrome in premature newborn infants, relationship between (Sybulski and Maughan), 239

in relation to labor and delivery (Sybulski and Maughan), 236 Polycystic ovarian disease, response of binding capacity of plasma $test osterone-est radiol-binding\ globulin\ to\ norethindrone, 2$ mg., and mestranol, 0.1 mg., in (Andersen et al.), 166

ovary, androgenic (Greenblatt and Mahesh), 712 (Current developments)

Postabortal cervix and uterine cavity, postpartum and, susceptibility of, to infection with attenuated rubella virus (Bolognese et al.), 525

Postmaturity, gestational, classical and "true" (Boyce, Mayaux, and Schwartz), 911

Postpartum period, malignant nephrosclerosis during pregnancy and in (uremic hemolytic syndrome) (Beller et al.), 633

and postabortal cervix and uterine cavity, susceptibility of, to infection with attenuated rubella virus (Bolognese et al.),

Pre-eclampsia, hyperuricemia in (Fadel, Northrop, and Misenhimer), 640

immunologic aspects of (Scott and Beer), 418 (Current developments)

severe: Another great imitator (Goodlin), 747

Pregnancy (pregnancies), aspects of normal psychology of: Midtrimester (Barclay and Barclay), 207

-associated plasma proteins, four, concentrations of, at term in normal gestation, relation of obstetric parameters to (Lin, Halbert, and Spellacy), 17

body fluids, cyclic adenosine 3',5'-monophosphate (cAMP) in, during normal and abnormal pregnancy (Yuen, Wittmann, and Staley), 597

complicated, among women hospitalized for intrauterine contraceptive device-related disorders, association between Dalkon Shield and (Kahn and Tyler), 83

and delivery, satisfaction with medical care during (Light, Solheim, and Hunter), 827

drug addiction in, and neonate (Blinick et al.), 135 (Clinical opinion) early teenage, medical and social factors affecting (Dott and Fort), 532

ectopic, associated with intrauterine device: Study of seventy cases (Hallatt), 754

fetal growth retardation in relation to maternal smoking and weight gain in (Miller, Hassanein, and Hensleigh), 55

Pregnancy (pregnancies)-Cont'd

gonadotropin response after administration of LH/FSH-releasing hormone (LRH) during, and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484

high-risk, circulating maternal serum progesterone in (Dawood), 832

evaluation of continuous fetal heart rate monitoring in (Haverkamp et al.), 310

oral prostaglandin E2 for labor induction in (Cunningham et al.). 881

human, pattern and rates of metabolism of maternal plasma dehydroisoandrosterone sulfate in (Madden et al.), 915

thyroid function in. IX. Development or retardation of 7-year-old progeny of hypothyroxinemic women (Man and Serunian), 949

impact of mean arterial pressure in middle trimester upon outcome of (Page and Christianson), 740

late, and puerperium, glucagon secretion in (Leblanc, Anderson, and Yen), 708 (Current investigation)

malignant nephrosclerosis during, and in postpartum period (uremic hemolytic syndrome) (Beller et al.), 633

management protocol, high-risk (Crane, Sauvage, and Arias), 227 normal and abnormal, amniotic fluid tests for fetal maturity in (Doran et al.), 586

perforated duodenal ulcer in, with double survival (Tew, Holliday, and Phibbs), 1151 (Comm. in brief)

remission of diabetes mellitus during (Gabbe, Dizerega, and Mestman), 264 (Comm. in brief) Rh-sensitized, amniotic fluid analysis in (Duhring, McKean, and

Hager), 368

ruptured ectopic, after bilateral laparoscopic tubal fulguration (Sheikh and Yussman), 569 (Comm. in brief)

significance of glucose-6-phosphate dehydrogenase deficiency in (Perkins), 215

studies on blood pressure during. I. Influence of parity and age (Christianson), 509

two, complicated by severe fetal growth retardation with congenital anomaly, maternal estrogen levels in (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)

urine, assay of estriol- 16α -(β -D-glucuronide) in, with specific antiserum (DiPietro), 841

venous distensibility during, determined by graded venous congestion (Barwin and Roddie), 921

 -zone protein present during pregnancy and hormonal treatment in women previously believed not to produce this protein (Damber, von Schoultz, and Stigbrand), 565 (Comm. in brief)

Pregnant diabetic, intensive care of (Gugliucci et al.), 435 (Clinical opinion)

ovine, I. Sampling fetoplacental circulation (Morris et al.), 1121 patients undergoing surgery, fetal heart rate monitoring in (Katz, Hook, and Barash), 267 (Comm. in brief)

Premature labor, effect of terbutaline on (Ingemarsson), 520 newborn infants, relationship between cortisol levels in umbilical cord plasma and development of respiratory distress syndrome in (Sybulski and Maughan), 239

Prematurely and non-prematurely ruptured membranes, mechanical properties of (Artal et al.), 655

Prereduced media and portable jar, use of, for collection of anaerobic organisms from clinical sites of infection (Ledger et al.), 677

Presentation, breech, patterns of management with (Wolter), 733

Presentation, breech, patterns of management with (Wolter), 733 fetal, variation of, with gestational age (Scheer and Nubar), 269 (Comm. in brief)

Pressure, blood, studies, on, during pregnancy. I. Influence of parity and age (Christianson), 509

uterine activity and, effect of epidural anesthesia on (Matadial and Cibils), 846 mean arterial, in middle trimester, impact of, upon outcome of

pregnancy (Page and Christianson), 740 studies, electromyographic and, in canine bladder (Beck et al.), 603 Primary carcinoma of Fallopian tube (Kinzel), 816

Private practice, requiem for (Walker), 729

Progeny, 7-year-old, of hypothyroxinemic women, development or retardation of, IX. Thyroid function in human pregnancy (Man and Serunian), 949

Progestational agents and blood coagulation. VII. Thromboembolic and other complications of oral contraceptive therapy in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study (Ambrus et al.), 1057

Progesterone binding in human endometrial carcinomas (Young, Ehrlich, and Cleary), 353

circulating maternal serum, in high-risk pregnancies (Dawood), 832 Progestins, maternal plasma estradiol and, uterine blood flow, and oxygen consumption following fetal death (Caton et al.), 624

Prolactin and growth hormone release, effects of large doses of estrogen on (Ehara, Siler, and Yen), 455

-secreting adenoma, mechanism of suppression of gonadotropin levels in patient with: Longitudinal case study (Rolland et al.), 1152 (Comm. in brief)

Prolapse of Fallopian tube into vaginal vault (Carmichael), 266 (Comm. in brief)

of vaginal vault (Rust, Botte, and Howlett), 768

Promethazine hydrochloride, modification of neonatal response by, I. Phagocytosis and erythroblastosis (Gusdon et al.), 224

Prophylactic antibiotics after vaginal hysterectomy, value of (Boyd and Garceau), 581

for vaginal surgery: Historical addendum (Thomsen), 270 (Comm. in brief)

Prophylaxis, antibiotic, effect of, on patients undergoing total abdominal hysterectomy. I. Effect on morbidity (Ohm and Galask), 442

II. Alterations of microbial flora (Ohm and Galask), 442 cephalosporin, impact of, on conization-vaginal hysterectomy morbidity (Forney et al.), 100

Prostaglandin E2, oral, induction of labor with (Gabert, Brinton, and Brown), 333

for labor induction in high-risk pregnancy (Cunningham et al.), 881

F_{2α} dose schedules, two, intra-amniotic saline and, comparative study of, for midtrimester abortion (Edelman et al.), 188 15(S)-15-methyl-, intra-amniotic administration of, for induction

of midtrimester abortion (Dingfelder et al.), 821 intra-amniotic, effect of meperidine analgesia on midtrimester abortions induced with (Staurovsky et al.), 185

intravenous, induction of labor with (Beck and Lilling), 648 urea or, culturability of fibroblasts from skin of abortuses after intra-amniotic instillation of (Ju, Park, and Jones), 1155

(Comm. in brief)

Protein(s), four pregnancy-associated plasma, concentrations of, at term in normal gestation, relation of obstetric parameters

to (Lin, Halbert, and Spellacy), 17
pregnancy-zone, present during pregnancy and hormonal treatment in women previously believed not to produce this protein (Damber, von Schoultz, and Stigbrand), 565 (Comm. in brief)

Psychological interaction with neuroendocrine function: Galactorrhea-amenorrhea (Zacur et al.), 859 (Current investigation)

Psychology, normal, of pregnancy, aspects of: Midtrimester (Barclay and Barclay), 207

Puerperium, late pregnancy and, glucagon secretion in (Leblanc, Anderson, and Yen), 708 (Current investigation)

Puncture, Douglas cul-de-sac, in ambulatory patients, new apparatus for (Zylberberg), 271 (Comm. in brief)

R

R 2323 (midcycle contraceptive), action of, on human endometrium (Azadian-Boulanger et al.), 1049

Radioimmunoassay, HCG-β-subunit: Potential error in HCG measurement related to choice of labeled antigen (Tyrey and Hammond), 160

rapid, flow-through column, for human chorionic somatomammotropin (Johnson, Yoder, and Adams), 45

specific serum, for human chorionic gonadotropii , limitation of, in management of trophoblastic neoplasms (Schreiber et al.), 705 (Current investigation)

Rate(s) characteristics, baseline fetal heart, as indicator of fetal status during antepartum period (Trierweiler, Freeman, and James), 618

metabolic clearance, of dehydroisoandrosterone sulfate, relationship of, to placental blood flow: Mathematical model (Clewell and Meschia), 507

monitor, ultrasonic fetal heart, evaluation of accuracy of (Lauersen, Hochberg, and George), 1125

monitoring, continuous fetal heart, in high-risk pregnancy, evaluation of (Haverkamp et al.), 310 Rate(s) monitoring-Cont'd

fetal heart, in pregnant patients undergoing surgery (Katz, Hook, and Barash), 267 (Comm. in brief)

instantaneous fetal heart, by electromagnetic methods (Hukkinen et al.), 1115

pattern(s), fetal heart, clinical significance of, during labor. I. Baseline patterns (Cibils), 290

and, of metabolism of maternal plasma dehydroisoandrosterone sulfate in human pregnancy (Madden et al.), 915

Ratio, amniotic fluid L/S, fetal lung lecithin metabolism and, in rhesus monkey gestations (Epstein, Farrell, and Chez), 545 phosphate-to-zinc, as predictor of bacterial growth-inhibitory activ-

phosphate-to-zinc, as predictor of bacterial growth-inhibitory activity, V. Bacterial growth inhibition by amniotic fluid (Schlievert, Johnson, and Galask), 899

Reconstruction, vaginal, following extensive treatment for pelvic cancer (Watring et al.), 809

Rectovaginal endometriosis: Isolated enigma (March and Israel), 274 (Comm. in brief)

Rectus sheath hematoma, diagnosis of, by B-mode ultrasound: Case report (Hamilton et al.), 562 (Comm. in brief)

Regionalization of birth defects prevention clinic (Acker and Richman), 933

Regionalized Perinatal Health Care Programs, evaluation of (Berger, Gillings, and Siegel), 924

Relaxant, uterine, fenoterol, actions of, on uteroplacental hemodynamics in human subjects (Lippert, De Grandi, and Fridrich), 1093

Releasing hormone (LRH), LH/FSH-, gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484

luteinizing hormone– and follicle-stimulating hormone–, some notes on background of isolation, determination of structure, synthesis, and early clinical trials of (Schally), 1142 (Classic pages)

Remission of diabetes mellitus during pregnancy (Gabbe, Dizerega, and Mestman), 264 (Comm. in brief)

Renal anomalies, fetal, hydramnion and (Perlman, Potashnik, and Wise), 966

Reproductive performance of women successfully treated for gestational trophoblastic tumors (Walden and Bagshawe), 1108

Respiration, fetal: Quantitative measurements of amniotic fluid inspired near term by human and rhesus fetuses (Duenhoelter and Pritchard), 306

Respiratory distress syndrome, relationship between cortisol levels in umbilical cord plasma and development of, in premature newborn infants (Sybulski and Maughan), 239

Retardation, development or, of 7-year-old progeny of hypothyroxinemic women, IX. Thyroid function in human pregnancy (Man and Serunian), 949

fetal growth, in relation to maternal smoking and weight gain in pregnancy (Miller, Hassanein, and Hensleigh), 55 intrauterine growth, assessment of, by diagnostic ultrasound

intrauterine growth, assessment of, by diagnostic ultrasound (Whetham, Muggah, and Davidson), 577 severe fetal growth, with congenital anomaly, maternal estrogen

severe fetal growth, with congenital anomaly, maternal estrogen levels in two pregnancies complicated by (Sybulski, Asswad, and Maughan), 864 (Comm. in brief)

Reticulum-cell sarcoma of cervix (Delgado et al.), 691

Rh-positive blood, transfusion of, into Rh-negative women (Keith, Berger, and Pollack), 502 -sensitized pregnancies, amniotic fluid analysis in (Duhring, Mc-

Kean, and Hager), 368

Risk, high, analysis of utility of plasma immunoreactive estrogen measurements in determining delivery time of gravidas with fetus considered at (Duenhoelter, Whalley, and Mac-Donald), 889

pregnancy (pregnancies), circulating maternal serum progesterone in (Dawood), 832

evaluation of continuous fetal heart rate monitoring in (Haverkamp et al.), 310

management protocol (Crane, Sauvage, and Arias), 227 oral prostaglandin E_2 for labor induction in (Cunningham et

Rubella virus, attenuated, susceptibility of postpartum and postabortal cervix and uterine cavity to infection with (Bolognese et al.), 595

Ruptured ectopic pregnancy after bilateral laparoscopic tubal fulguration (Sheikh and Yussman), 569 (Comm. in brief)

membranes, prematurely and non-prematurely, mechanical properties of (Artal et al.), 655

S

S₂ phase, colcemid-induced, is responsible for tetraploidy found in cultured human amniotic fluid cells, proposed system whereby (Tegenkamp, Hux, and Tegenkamp), 554

Saline, intra-amniotic, and two prostaglandin $F_{2\alpha}$ dose schedules, comparative study of, for midtrimester abortion (Edelman et al.), 188

Salivary phosphate as indicator of ovulation (Ben-Aryeh et al.), 871 (Comm. in brief)

Sampling fetoplacental circulation. I. Pregnant ovine (Morris et al.), 1121

Sarcoma, reticulum-cell, of cervix (Delgado et al.), 691

Scalene node biopsy in pretreatment staging of carcinoma of cervix uteri (Perez-Mesa and Spratt), 93

Scalp abscess, fetal, secondary to intrauterine monitoring (Plavidal and Werch), 65

Scanning electron microscopy, transmission and, and x-ray dispersive analysis, ultrastructural studies on endometrium of women wearing TCu-200 intrauterine devices by means of (Gonzalez-Angulo and Aznar-Ramos), 170

Schiller test in patients before conization, critical evaluation of (Rubio and Thomassen), 96

Screening, cervical cancer, prevalence of, in United States in 1970 (Rochat), 478

Secondary amenorrhea, pituitary tumors in patients with (Haesslein and Lamb), 759

Secreting, prolactin-, adenoma, mechanism of suppression of gonadotropin levels in patient with: Longitudinal case study (Rolland et al.), 1152 (Comm. in brief)

Secretion, glucagon, in late pregnancy and puerperium (Leblanc, Anderson, and Yen), 708 (Current investigation)

Section, cesarean, changing trends in (Hibbard), 798
extraperitoneal cesarean: New need for old skills (Imig and Perkins),
51

Sensitized, Rh-, pregnancies, amniotic fluid analysis in (Duhring, McKean, and Hager), 368

Serous cystadenoma, papillary, arising in paramesonephric cyst of parovarium (Honoré and Nickerson), 870 (Comm. in brief)

Serum progesterone, circulating maternal, in high-risk pregnancies (Dawood), 832

radioimmunoassay, specific, for human chorionic gonadotropin, limitation of, in management of trophoblastic neoplasms (Schreiber et al.), 705 (Current investigation)

 hydroxyvitamin D, late gestational human, factors influencing, III. Perinatal vitamin D metabolism (Hillman and Haddad), 196

unconjugated estriol levels in third trimester and relationship to gestational age (Buster et al.), 672

Sexually transmissible diseases (Evans), 116 (Current developments) Shadows or light? (Ranney), 382

Sheath hematoma, rectus, diagnosis of, by B-mode ultrasound: Case report (Hamilton et al.), 562 (Comm. in brief)

Shield, Dalkon, and complicated pregnancies among women hospitalized for intrauterine contraceptive device-related disorders, association between (Kahn and Tyler), 83

Sickle-cell anemia, fluctuation of fetal hemoglobin in (Morrison et al.), 1085

Situ, carcinoma in, of uterine cervix, conization as only treatment of (Bjerre et al.), 143

Skin of abortuses, culturability of fibroblasts from, after intra-amniotic instillation of urea or prostaglandin (Ju, Park, and Jones), 1155 (Comm. in brief)

Smoking and weight gain, maternal, in pregnancy, fetal growth retardation in relation to (Miller, Hassanein, and Hensleigh), 55

Smooth muscle cells, human uterine, ultrastructural observations of, during gestation (Dessouky), 1099

Social factors, medical and, affecting early teenage pregnancy (Dott and Fort), 532

Society of Obstetricians and Gynaecologists of Canada, transactions, thirty-first annual meeting, 577-612

Somatomammotropin, human chorionic, rapid, flow-through column radioimmunoassay for (Johnson, Yoder, and Adams), 45

Sphingomyelin (S), L/, ratio, amniotic fluid, fetal lung lecithin metabolism and, in rhesus monkey gestations (Epstein, Farrell, and Chez), 545

Spontaneous abortion, recurrent, depressed mixed lymphocyte culture reactivity in mothers with (Lauritsen, Kristensen, and Grunnet), 35

- Spring clip sterilization: One-year follow-up of 1,079 cases (Hulka et al.), 1039
- Squamous-cell carcinoma, microinvasive, of vulva (Jafari and Cartnick), 274 (Comm. in brief)
- Stage 1 carcinoma of uterine cervix in patients under 40 years of age (Futoran and Nolan), 790
- Staging, pretreatment, of carcinoma of cervix uteri, scalene node biopsy in (Perez-Mesa and Spratt), 93 Starvation, acute, endocrine-metabolic response to, in human gestation
- (Tyson et al.), 1073 . Sterilization, spring clip: One-year follow-up of 1,079 cases (Hulka et
- al.), 1039 Steroid, oral contraceptive, and IUD users and nonusers, carcinoma of
- cervix in (Sandmire, Austin, and Bechtel), 339 Stilbestrol, benign cervical and vaginal changes associated with exposure to, in utero (Sandberg), 777
- Stimulating, follicle-, hormone, LH/, -releasing hormone (LRH), gonadotropin response after administration of, during pregnancy and after therapeutic abortion in second trimester, studies on (Jeppsson and Rannevik), 484
 - -releasing hormone, luteinizing hormone- and, some notes on background of isolation, determination of structure, synthesis, and early clinical trials of (Schally), 1142 (Classic pages)
- Stromal tumors, ovarian, treatment of (Schwartz and Smith), 402
- Structure, determination of, synthesis, early clinical trials, and isolation of luteinizing hormone– and follicle-stimulating hormone–releasing hormone, some notes on background of (Schally), 1142 (Classic pages)
- Subarachnoid hemorrhage, spontaneous, maternal deaths due to (Barno and Freeman), 384
- Suction biopsy, endometrial: Appraisal of new instrument (Inglis and Weir), 1070
 - cannula, flexible, histopathologic evaluation of uteri curetted by (Hale et al.), 805
- Sulfate, dehydroisoandrosterone, maternal plasma, pattern and rate of metabolism of, in human pregnancy (Madden et al.), 915
- relationship of metabolic clearance rate of, to placental blood flow: Mathematical model (Clewell and Meschia), 507
- Surgery, fetal heart rate monitoring in pregnant patients undergoing (Katz, Hook, and Barash), 267 (Comm. in brief)
- vaginal, prophylactic antibiotics for: Historical addendum (Thomsen), 270 (Comm. in brief)
- Surgical management of infertility, prognostic aid in: Diagnostic
- laparoscopy (Israel and March), 969 Syncytiotrophoblast, immunobiological function of: New theory
- (Morisada, Yamaguchi, and Iizuka), 3 Syndrome, fetal alcohol: Seven new cases (Mulvihill et al.), 937
- respiratory distress, relationship between cortisol levels in umbilical cord plasma and development of, in premature newborn infants (Sybulski and Maughan), 239
- uremic hemolytic (malignant nephrosclerosis during pregnancy and in postpartum period) (Beller et al.), 633
- Synthesis, early clinical trials, isolation, and determination of structure of luteinizing hormone— and follicle-stimulating hormone-releasing hormone, some notes on background of (Schally), 1142 (Classic pages)

- Tr

- TCu-200 intrauterine devices, ultrastructural studies on endometrium of women wearing, by means of transmission and scanning electron microscopy and x-ray dispersive analysis (González-Angulo and Aznar-Ramos), 170
- Teenage pregnancy, early, medical and social factors affecting (Dott and Fort), 532
- Teratogenicity of certain antinauseant drugs, evaluation of (Milkovich and van den Berg), 244
- Terbutaline, effect of, on premature labor (Ingemarsson), 520
- Term in normal gestation, relation of obstetric parameters to concentrations of four pregnancy-associated plasma proteins at (Lin, Halbert, and Spellacy), 17
- quantitative measurements of amniotic fluid inspired near, by human and rhesus fetuses: Fetal respiration (Duenhoelter and Pritchard), 306

- Test(s), amniotic fluid, for fetal maturity in normal and abnormal pregnancies (Doran et al.), 586
 - dehydroepiandrosterone loading—Preliminary clinical application, II. Physiologic model of dehydroepiandrosterone to estrogen conversion system in fetoplacental unit (Pupkin et al.), 256
- negative oxytocin challenge, abruptio placentae following (Seski and Compton), 276 (Comm. in brief)
- Schiller, in patients before conization, critical evaluation of (Rubio and Tho nassen), 96
- Testosterone-estradiol-binding globulin, plasma, response of binding capacity of, to norethindrone, 2 mg., and mestranol, 0.1 mg., in polycystic ovarian disease (Anderson et al.), 166
- Tetraploidy found in cultured human amniotic fluid cells, proposed system whereby (colcemid-induced) S₂ phase is responsible for (Tegenkamp, Hux, and Tegenkamp), 554
- Therapeutic abortion in second trimester, gonadotropin response after administration of LH/FSH-releasing hormone (LRH) during pregnancy and after, studies on (Jeppssen and Rannevik), 484
- Therapy, approach to: Gestational and pregestational diabetes (Tyson and Hock), 1009 (Current developments)
- human menopausal gonadotropin, effect of clomiphene citrate upon amount and duration of (March, Tredway, and Mishellh. 699
- oral contraceptive, thromboembolic and other complications of, in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study, VII. Progesta-
- tional agents and blood coagulation (Ambrus et al.), 1057 Thermostable antigen associated with ovarian cancer (Burton, Hope and Lubbers), 472
- Thromboembolic and other complications of oral contraceptive therapy in relationship to pretreatment levels of blood coagulation factors: Summary report of ten-year study, VII. Progestational agents and blood coagulation (Ambrus et al.), 1057
- Thyroid function in human pregnancy. IX. Development or retardation of 7-year-old progeny of hypothyroxinemic women (Man and Serunian), 949
- Toxemia, experimental, placental lesions in, in rabbit, (Abitbol, Driscoll, and Ober), 942
- coll, and Ober), 992
 Transactions, forty-second annual meeting, Pacific Coast Obstetrical and Gynecological Society, 729-820
 - third annual meeting, Central Association of Obstetricians and Gynecologists, 283-417
- thirty-first annual meeting, Society of Obstetricians and Gynaecologists of Canada, 577-612
- Transfusion of Rh-positive blood into Rh-negative women (Keith, Berger, and Pollack), 502
- Transmissible diseases, sexually (Evans), 116 (Current developments)
 Transmission and scanning electron microscopy and x-ray dispersive
 analysis, ultrastructural studies on endometrium of women
 wearing TCu-200 intrauterine devices by means of
- (González-Angulo and Aznar-Ramos), 170
 Traumatic intra-abdominal deceleration injury, in utero, to fetus—
 Case report (Connor and Curran), 567 (Comm. in brief)
- Treated, successfully, for gestational trophoblastic tumors, reproductive performance of women (Walden and Bagshawe), 1108
- Treating 210 patients with detrusor overactivity incontinence of urine, results in (Beck, Arnusch, and King), 593
- Treatment, extensive, for pelvic cancer, vaginal reconstruction following (Watring et al.), 809
 - hormonal, pregnancy-zone protein present during pregnancy and, in women previously believed not to produce this protein (Damber, von Schoultz, and Stigbrand), 565 (Comm. in brief)
- only, of carcinoma in situ of uterine cervix, conization as (Bjerre et al.), 143
- of ovarian stromal tumors (Schwartz and Smith), 402
- Trimester, middle, impact of mean arterial pressure in, upon outcome of pregnancy (Page and Christianson), 740
- second, therapeutic abortion in, gonadotropin response after administration of LH/FSH-releasing hormone (LRH) during pregnancy and after, studies on (Jeppsson and Rannevik), 484
- third, serum unconjugated estriol levels in, and relationship to gestational age (Buster et al.), 672

- Trophoblast antigens, human, effect of length of gestation on maternal cellular immunity to (Taylor et al.), 528
- Trophoblastic neoplasms, limitation of specific serum radioimmunoassay for human chorionic gonadotropin in management of (Schreiber et al.), 705 (Current investigation)
- tumors, gestational, reproductive performance of women successfully treated for (Walden and Bagshawe), 1108
- Tubal fulguration, bilateral laparoscopic, ruptured ectopic pregnancy after (Sheikh and Yussman), 569 (Comm. in brief)
- twin gestation, unilateral (Storch and Petrie), 1148 (Comm. in brief) Tube, Fallopian, influence of copper on in vitro motility of (Larsson, Ljung, and Hamberger), 682
- primary carcinoma of (Kinzel), 816 prolapse of, into vaginal vault (Carmichael), 266 (Comm. in brief) Tubo-ovarian abscess, mycotic, associated with intrauterine device
- (Kostelnik and Fremount), 272 (Comm. in brief) gestational trophoblastic, reproductive performance of women successfully treated for (Walden and Bagshawe), 1108
- metastatic placental: Report of three cases (Smythe, Underwood,
- and Kreutner), 1149 (Comm. in brief) mucinous, of ovary. II. Ultrastructural features of mucinous cystadenocarcinomas (Fenoglio, Ferenczy, and Richart), 990
- ovarian stromal, treatment of (Schwartz and Smith), 402 pituitary, in patients with secondary amenorrhea (Haesslein and Lamb), 759
- Twin(s) gestation, unilateral tubal (Storch and Petrie), 1148 (Comm. in brief)
 - hyaline membrane disease in (de la Torre Verduzco, Rosario, and Rigatto), 668

- Ulcer, perforated duodenal, in pregnancy with double survival (Tew, Holliday, and Phibbs), 1151 (Comm. in brief)
- Ultrasonic abdominometry, estimation of fetal weight by (Kurjak and Breyer), 962
- fetal heart rate monitor, evaluation of accuracy of (Lauersen, Hochberg, and George), 1125
- Ultrasound, B-mode, diagnosis of rectus sheath hematoma by: Case report (Hamilton et al.), 562 (Comm. in brief) diagnostic, assessment of intrauterine growth retardation by
- (Whetham, Muggah, and Davidson), 577 Ultrastructural features of mucinous cystadenocarcinomas, II. Mucin-
- ous tumors of ovary (Fenoglio, Ferenczy, and Richart), 990 histochemical, and histologic observations in five cases: Gonadoblastoma (Garvin et al.), 459
- observations of human uterine smooth muscle cells during gestation (Dessouky), 1099
- studies on endometrium of women wearing TCu-200 intrauterine devices by means of transmission and scanning electron microscopy and x-ray dispersive analysis (González-Angulo and Aznar-Ramos), 170
- Umbilical cord plasma, cortisol levels in, and development of respiratory distress syndrome in premature newborn infants, relationship between (Sybulski and Maughan), 239
- in relation to labor and delivery (Sybulski and Maughan), 236
- Unconjugated estriol levels, serum, in third trimester and relationship to gestational age (Buster et al.), 672 United States, prevalence of cervical cancer screening in, in 1970
- (Rochat), 478 Urea or prostaglandin, culturability of fibroblasts from skin of abortuses after intra-amniotic instillation of (Ju, Park, and Jones), 1155 (Comm. in brief)
- Uremic hemolytic syndrome (malignant nephrosclerosis during preg-
- nancy and in postpartum period) (Beller et al.), 633 Urine, detrusor overactivity incontinence of, results in treating 210 patients with (Beck, Arnusch, and King), 593
- pregnancy, assay of estriol- 16α -(β -D-glucuronide) in, with specific antiserum (DiPietro), 841
- Uteri, cervix, carcinoma of, scalene node biopsy in pretreatment staging of (Perez-Mesa and Spratt), 93
- curetted by flexible suction cannula, histopathologic evaluation of (Hale et al.), 805
- Uterine activity and blood pressure, effect of epidural anesthesia on (Matadial and Cibils), 846

- Uterine-Cont'd
- blood flow, oxygen consumption, and maternal plasma estradiol and progestins following fetal death (Caton et al.), 624
- cavity, postpartum and postabortal cervix and, susceptibility of, to infection with attenuated rubella virus (Bolognese et al.),
- cervix, carcinoma in situ of, conization as only treatment of (Bjerre et al.), 143
- Stage I carcinoma of, in patients under 40 years of age (Futoran and Nolan), 790
- relaxant, fenoterol, actions of, on uteroplacental hemodynamics in human subjects (Lippert, De Grandi, and Fridrich), 1093
- smooth muscle cells, human, ultrastructural observations of, during gestation (Dessouky), 1099
- vascular bed, effect of various vasoactive compounds upon (Resnik et al.), 201
- Utero, benign cervical and vaginal changes associated with exposure to stilbestrol in (Sandberg), 77
- in, traumatic intra-abdominal deceleration injury to fetus-Case report (Connor and Curran), 567 (Comm. in brief)
- Uteroplacental hemodynamics, actions of uterine relaxant, fenoterol, on, in human subjects (Lippert, De Grandi, and Fridrich),
- Uterus, lateral communicating double, with unilateral vaginal obstruc-tion (Neves-e-Castro et al.), 865 (Comm. in brief)

- Vaginal changes, benign cervical and, associated with exposure to stilbestrol in utero (Sandberg), 777
 - hysterectomy, conization-, morbidity, impact of cephalosporin prophylaxis on (Forney et al.), 100
 - value of prophylactic antibiotics after (Boyd and Garceau), 581 obstruction, unilateral, lateral communicating double uterus with
 - (Neves-e-Castro et al.), 865 (Comm. in brief) reconstruction following extensive treatment for pelvic cancer
 - (Watring et al.), 809 surgery, prophylactic antibiotics for: Historical addendum (Thom-
- sen), 270 (Comm. in brief)
- vault, prolapse of (Rust, Botte, and Howlett), 768
- Fallopian tube into (Carmichael), 266 (Comm. in brief) Vascular bed, uterine, effect of various vasoactive compounds upon
- (Resnik et al.), 201 Vasoactive compounds, various, effect of, upon uterine vascular bed (Resnik et al.), 201
- Vein catheterization, differential ovarian and adrenal (Wentz et al.), 1000
- Venography, selective adrenal, virilizing adrenocortical adenoma studied by selective adrenal venography (Gabrilove, Nicolis, and Mitty), 180
- Venous distensibility during pregnancy determined by graded venous congestion (Barwin and Roddie), 921
- Virilizing adrenocortical adenoma studied by selective adrenal venography (Gabrilove, Nicolis, and Mitty), 180
- Virus, attenuated rubella, susceptibility of postpartum and postabortal cervix and uterine cavity to infection with (Bolognese et al.),
- Vitamin(s) B₆, B₁₂, and folic acid, III. Effect of oral contraceptives on nutrients (Prasad et al.), 1063
 - D metabolism, perinatal. III. Factors influencing late gestational human serum 25-hydroxyvitamin D (Hillman and Haddad), 196
- Vitro, in, motility of human Fallopian tube, influence of copper on (Larsson, Ljung, and Hamberger), 682
- Vulva, microinvasive squamous-cell carcinoma of (Jafari and Cartnick), 274 (Comm. in brief)

- Weight, fetal, estimation of, by ultrasonic abdominometry (Kurjak and Brever), 962
- gain, maternal smoking and, in pregnancy, fetal growth retardation in relation to (Miller, Hassanein, and Hensleigh), 55

Weight—Cont'd low birth, simple assessment of risk of, to select women for nutritional intervention (Lechtig et al.), 25 studies, fetal, automatic balance for (Abrams et al.), 660

X-ray dispersive analysis, transmission and scanning electron microscopy and, ultrastructural studies on endometrium of women wearing TCu-200 intrauterine devices by means of (González-Angulo and Aznar-Ramos), 170

Zinc-peptide antibacterial system, evidence for, VI. Bacterial growth inhibition by amniotic fluid (Schlievert, Johnson, and Galask), 906

Zinc-Cont'd

phosphate-to-, ratio as predictor of bacterial growth-inhibitory activity, V. Bacterial growth inhibition by amniotic fluid (Schlievert, Johnson, and Galask), 899

Zone, pregnancy-, protein present during pregnancy and hormonal treatment in women previously believed not to produce this protein (Damber, von Schoultz, and Stigbrand), 565 (Comm. in brief)

